Royal Ocean Racing Club

2020

Notice of Race
Sail Sense is a revolutionary new sensor which helps you be smarter about your sail management. Small and lightweight, Sail-Sense attaches permanently to the sail, measuring key performance data such as UV, hours of use, flogging and tracking.

**FEATURES**

- Negligible size and weight
- Tamper Proof record of a sail's lifetime history
- Monitor the 'health score' of every sail used
- See how, when and where a sail has been used
- Real time asset management - Live Mode
- Measures hours in use, UV exposure, G-Force and Flogging
- App (iOS and Android) Sail-Sense users log, record, review and export data

**BENEFITS**

- Deliver usage-based warranty and service agreements
- Accurately record sail condition and monitor degradation
- Optimise and streamline inventory management
- Valuable training aid for crews and yacht operators
- Free App (iOS and Android)

**TECHNICAL DETAILS**

- Sewn attachment to the sail
- Fitted during sail manufacture or added as an aftermarket accessory
- 7.5 years battery hours depending on use
- Fibre analysis of UV and motion undertaken by Southampton University
This Notice of Race (NoR) consists of two main sections. Part 1 applies to all RORC organised races and includes Rules that affect every race unless modified by Part 2, which details Rules that apply to specific races. When a Rule is modified in Part 2, it takes precedence over the Rule in Part 1. Specific races which have a separate NoR (see 1.1 Programme) are exempt from this document. Races organised in association with the RORC will have their own NoR and details of races that are not part of the RORC Season’s Points Championship are included in this NoR for information only.

DEFINITIONS

Class
Class includes IRC, ORC and MOCRA rating systems, or appropriate One-Design Classes.

Closing Date
is the date after which a late entry/late payment fee is charged and cancellation fees apply.

Competitor
a person who races or intends to race in an event.

Documents Page
can be found at www.rorc.org/racing/race-documents

High Points Scoring System
the boats are ranked in order of points scored. Highest Points score wins.

Inshore Regatta
Inshore Regattas in 2020 run by the RORC will have separate NoRs detailed at www.rorc.org

Emergency Contact
is the person to be informed in case of emergency. The nominated Emergency Contact must be available to contact for the duration of the race and cannot be a Competitor in the race.

Offshore Race
Offshore Races are OSR Category 0, 1, 2 and 3 plus Category 2 liferaft. Races identified as part of the RORC Season’s Points Championship. See NoR 1.1.

Rating Deadline
is the latest date by which a valid Rating or Class Certificate shall be issued to the boat.

SailGate
The RORC online entry and Crew Management system at rorc.sailgate.com

Sailing School Yacht
must be entered by a bona fide sailing school, affiliated to a National Authority and having on board a crew consisting of at least 50% paying students (not instructors).

Service Yacht
is one which is crewed by regular and reserve personnel of the Armed Services, affiliated to or approved for this purpose by the Association of Services Yacht Clubs, but may include one non-serving owner or owner’s representative.

TERMINOLOGY

The use of the masculine gender shall be taken to mean either gender.

Significant changes for 2020 are in red font.
Contents

Introduction ................................................................... 3
Definitions..................................................................... 3
Terminology ................................................................... 3
Contents ...................................................................... 4
Contact Details................................................................. 6

Part 1 – General Rules .......................................................... 7
Organising Authority .......................................................... 7
1.1 Programme ................................................................ 8
1.2 Rules and Regulations .................................................. 9
1.3 Advertising ................................................................ 9
1.4 Responsibility ........................................................ 9
1.5 Eligibility – The Boat .................................................. 9
1.6 Stability and Safety Indices .......................................... 12
1.7 Eligibility – Competitors ........................................... 12
1.8 Race Entry ........................................................ 12
1.9 Courses ................................................................ 13
1.10 Penalties ................................................................ 14
1.11 Communication ..................................................... 14
1.12 Scoring ................................................................ 14
1.13 Trophies and Prizes.................................................. 15
1.14 Race Entry Declaration ............................................. 18
1.15 Insurance ........................................................ 18

Part 2 – The Races ................................................................. 19
Introduction ................................................................ 19
RORC Caribbean 600 ..................................................... 20
Cervantes Trophy Race.................................................... 20
North Sea Race ........................................................ 21
Myth of Malham ........................................................ 22
De Guingand Bowl Race ................................................. 23
East Coast Race ........................................................ 24
SSE Renewables Round Ireland Race ......................... 24
Morgan Cup Race........................................................ 25
La Trinité Race ........................................................ 26
Cowes Dinard St Malo Race ........................................... 26
Channel Race ................................................................ 29
L’Île d’Ouessant (Ushant) Race ....................................... 30
Cherbourg Race ........................................................ 31
Rolex Middle Sea Race .................................................. 33
RORC Transatatlantic Race ............................................ 33
RORC Easter Challenge .................................................. 35
Contessa 32 Regatta ...................................................... 35
Vice Admiral’s Cup....................................................... 35
IRC National Championship ......................................... 37
Cowes Keelboat Series .................................................. 37
J-Cup ......................................................................... 39
Telegraph Bowl for XOD ................................................. 39
Cowes Keelboat Championship ..................................... 39
Half Ton Cup .............................................................. 40
J/111 World Championship ............................................. 40
IRC Two-Handed National Championship ............... 41
Cowes Keelboat Series .................................................. 41
IRC European Championship ....................................... 42
ORC/IRC World Championship .................................... 42

Photo: RORC/Arthur Daniel
Contacts

RORC Race Office
The Disrespect
82, High Street
Cowes
Isle of Wight
PO31 7AJ
Tel: +44 1983 295144
Fax: +44 207 493 5252
Email: racing@rorc.org

London Clubhouse
20, St James’s Place
London
SW1A 1NN
Tel: +44 207 493 2248
Fax: +44 207 493 5252
Email: info@rorc.org

Cowes Clubhouse
The Parade
Cowes
Isle of Wight
PO31 7QU
Tel: +44 1983 293581
Fax: +44 1983 294385
Email: cowes@rorc.org

Rating Office
Seahorse Building
Bath Road
Lymington
Hampshire
SO41 3SE
Tel: +44 1590 677030
Fax: +44 1590 679478
Email: info@rorcrating.com
1 PART 1 - GENERAL RULES
The rules of Part 1 shall apply to all races in this Notice of Race except where otherwise stated in Part 2 or Sailing Instructions.

ORGANISING AUTHORITY
The Organising Authority is the Royal Ocean Racing Club (RORC).
1.1 PROGRAMME

The programme shows races that are organised by the RORC or in association with the RORC. Only races with a Points Factor will count towards the RORC Season’s Points Championship.

** The 2020 Rolex Middle Sea Race is the first race of the 2021 Season’s Points Championship.

* See the individual event Notice of Race available from the RORC or event websites.

# Organised under the auspices of, or in association with, the RORC.

<table>
<thead>
<tr>
<th>Date</th>
<th>Race</th>
<th>Destination/Location</th>
<th>Distance</th>
<th>Points</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday 23 November 2019</td>
<td>RORC Transatlantic Race 2019*</td>
<td>Lanzarote – Grenada</td>
<td>2,995</td>
<td>1.5</td>
<td>8</td>
</tr>
<tr>
<td>Monday 24 February 2020</td>
<td>RORC Caribbean 600*</td>
<td>Antigua</td>
<td>600</td>
<td>1.4</td>
<td>20</td>
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<tr>
<td>Friday 28 February</td>
<td>Dubai-Muscat Race**</td>
<td>Dubai – Muscat</td>
<td>360</td>
<td>-</td>
<td>43</td>
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<tr>
<td>Wednesday 8 April</td>
<td>Rolex China Sea Race**</td>
<td>Hong Kong – Philippines</td>
<td>565</td>
<td>-</td>
<td>43</td>
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<tr>
<td>Friday 10 – Sunday 12 April</td>
<td>RORC Easter Challenge*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>35</td>
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<tr>
<td>Saturday 18 – Sunday 19 April</td>
<td>Contessa 32 Regatta*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>35</td>
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<tr>
<td>Friday 8 May</td>
<td>Cervantes Trophy Race</td>
<td>Cowes – Le Havre</td>
<td>110 – 160</td>
<td>1.0</td>
<td>20</td>
</tr>
<tr>
<td>Friday 15 – Sunday 17 May</td>
<td>Vice Admiral’s Cup*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>35</td>
</tr>
<tr>
<td>Friday 22 May</td>
<td>North Sea Race (Vuurscheppen Race 19 May)</td>
<td>Harwich – Scheveningen</td>
<td>140 - 185</td>
<td>1.2</td>
<td>21</td>
</tr>
<tr>
<td>Saturday 23 May</td>
<td>Myth of Malham Race</td>
<td>Cowes – Eddystone – Solent</td>
<td>256</td>
<td>1.2</td>
<td>22</td>
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<tr>
<td>Saturday 6 June</td>
<td>De Guingand Bowl Race</td>
<td>Cowes – round marks – Solent</td>
<td>110 - 160</td>
<td>1.0</td>
<td>23</td>
</tr>
<tr>
<td>Saturday 6 June - Sunday 7 June</td>
<td>Cowes Keelboats Series**</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>37,41</td>
</tr>
<tr>
<td>19 June</td>
<td>East Coast Race*</td>
<td>Harwich – Breskens</td>
<td>126</td>
<td>1.0</td>
<td>24</td>
</tr>
<tr>
<td>20 June</td>
<td>SSE Renewables Round Ireland Yacht Race**</td>
<td>Wicklow</td>
<td>704</td>
<td>1.2</td>
<td>24</td>
</tr>
<tr>
<td>Friday 26 – Sunday 28 June</td>
<td>IRC National Championship*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>37</td>
</tr>
<tr>
<td>Thursday 2 – Saturday 4 July</td>
<td>J/Cup*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>39</td>
</tr>
<tr>
<td>Wednesday 8 July</td>
<td>Morgan Cup Race</td>
<td>Cowes – Cork</td>
<td>324</td>
<td>1.3</td>
<td>25</td>
</tr>
<tr>
<td>Sunday 12 July</td>
<td>La Trinité – Cowes Race**</td>
<td>La Trinité – Cowes</td>
<td>350</td>
<td>-</td>
<td>26</td>
</tr>
<tr>
<td>Monday 13 – Friday 17 July</td>
<td>IRC European Championship**</td>
<td>Cork</td>
<td>-</td>
<td>-</td>
<td>42</td>
</tr>
<tr>
<td>Friday 17 July</td>
<td>Cowes - Dinard - St Malo Race</td>
<td>Cowes – Dinard – St Malo</td>
<td>151</td>
<td>1.0</td>
<td>26</td>
</tr>
<tr>
<td>Saturday 25 – Sunday 26 July</td>
<td>Telegraph Bowl for XOD*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>39</td>
</tr>
<tr>
<td>Saturday 25 – Sunday 26 July</td>
<td>Cowes Keelboat Championship**</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>39</td>
</tr>
<tr>
<td>Sunday 26 – Friday 31 July</td>
<td>Half Ton Cup*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>40</td>
</tr>
<tr>
<td>Saturday 1 August</td>
<td>Channel Race</td>
<td>Cowes – round marks – Solent</td>
<td>110 – 160</td>
<td>1.0</td>
<td>29</td>
</tr>
<tr>
<td>Sunday 16 August</td>
<td>L’Île d’Ouessant (Ushant) Race</td>
<td>Cowes – Wolf Rock – Ushant – St Malo</td>
<td>400</td>
<td>1.3</td>
<td>30</td>
</tr>
<tr>
<td>Sun 30 Aug – Sat 5 September</td>
<td>J/111 World Championship*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>40</td>
</tr>
<tr>
<td>Friday 4 September</td>
<td>Cherbourg Race</td>
<td>Cowes – Cherbourg</td>
<td>75</td>
<td>1.0</td>
<td>31</td>
</tr>
<tr>
<td>Sat 12 – Sun 13 September</td>
<td>IRC Double Handed National Championship*</td>
<td>Cowes</td>
<td>-</td>
<td>-</td>
<td>41</td>
</tr>
<tr>
<td>Fri 25 September – Sat 3 October</td>
<td>ORC/IRC World Championship</td>
<td>Newport, R.I.</td>
<td>-</td>
<td>-</td>
<td>42</td>
</tr>
<tr>
<td>Friday 13 November</td>
<td>Raja Muda Selangor International Regatta**</td>
<td>Malaysia – Thailand</td>
<td>-</td>
<td>-</td>
<td>43</td>
</tr>
</tbody>
</table>

** The 2020 Rolex Middle Sea Race is the first race of the 2021 Season’s Points Championship.

* See the individual event Notice of Race available from the RORC or event websites.

# Organised under the auspices of, or in association with, the RORC.
1.2 RULES AND REGULATIONS

1.2.1 ENGLISH LAW
This Notice of Race, and the terms of the contract created by entering a boat into any race or event governed by this Notice of Race, shall be governed by and construed in accordance with English law. Any dispute which cannot be resolved under Part 5 of the Racing Rules of Sailing shall be referred to the exclusive jurisdiction of the English Courts.

1.2.2 RACING RULES OF SAILING
The rules as defined in the Racing Rules of Sailing (RRS). (http://www.sailing.org/documents/racingrules/) Appendix WP (rules for racing around waypoints) will apply when specified in the Sailing Instructions.

1.2.3 NATIONAL AUTHORITY PRESCRIPTIONS
The prescriptions of RYA will apply (https://www.rya.org.uk/racing/racing-rules/Pages/the-rules-and-rya-prescriptions.aspx). No other National Authority prescriptions will apply.

1.2.4 CLASS RULES
The Rules and Regulations of appropriate One-Design and/or Class rules, IRC Rules Parts A, B & C, ORC and MOCRA Rules.

1.2.5 2020 WORLD SAILING OFFSHORE SPECIAL REGULATIONS (OSR)
The World Sailing Offshore Special Regulations, any amendments thereto for 2020, and RORC Prescriptions. Where details of Offshore Special Regulations cannot be met the Committee may accept an alternative.

1.2.6 INTERNATIONAL REGULATIONS FOR PREVENTING COLLISIONS AT SEA
Except when changed in Sailing Instructions, the Rules of RRS Part 2 are replaced by the right-of-way Rules of IRPCAS (International Regulations for Preventing Collisions at Sea), or by government right-of-way rules, between the times of local sunset and sunrise. A boat may take a time penalty as specified in the Sailing Instructions when she may have broken this rule while racing.

1.2.7 NOTICE OF RACE
This Notice of Race and any amendments thereto will be available from the RORC Race Office and published on the RORC website.

1.2.8 SAILING INSTRUCTIONS
Sailing Instructions will be emailed to Competitors after the Closing Date for each race. They may also be displayed on the Documents Page of the RORC website.

Note: Sailing Instructions shall take precedence over the Notice of Race.

1.3 ADVERTISING
Boats may be required to display advertising chosen and supplied by the Organising Authority.

1.4 RESPONSIBILITY

1.4.1 THE PERSON IN CHARGE
Yacht racing can be dangerous. The attention of Persons in Charge is drawn to RRS Fundamental Rule 4: "The responsibility for a boat’s decision to participate in a race or to continue racing is hers alone” and to Special Regulation 1.02.1 which begins: "The safety of a yacht and her crew is the sole and inescapable responsibility of the Person in Charge…”

Sailing is by its nature an unpredictable sport and therefore inherently involves an element of risk. By taking part in the event, each competitor agrees and acknowledges that:

a) they are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves, their crew and their boat to such inherent risk whilst taking part in the event;

b) they are responsible for the safety of themselves, their crew, their boat and their other property whether afloat or ashore;

c) they accept responsibility for any injury, damage or loss to the extent caused by their own actions or omission;

d) their boat is in good order, equipped to sail in the event and they are fit to participate;

e) the provision of a race management team and other officials and volunteers by the event organiser does not relieve them of their own responsibilities;

f) they are responsible for ensuring that their boat is equipped and seaworthy so as to face extremes of weather; that there is a crew sufficient in number, experience and fitness to withstand such weather; and that the safety equipment is properly maintained, stowed, in date and familiar to the crew.

The RORC, its sponsors, and other organising clubs accept no responsibility or liability for loss of life or injury to members or others, or for the loss of, or damage to, any vessel or property.

1.4.2 STARTING AND CONTINUING TO RACE
The Race Committee will make starting signals unless in their opinion it is manifestly unsafe for any of the boats entered to remain in the vicinity of the starting line. Each boat shall exercise her responsibility under RRS Fundamental Rule 4 and decide whether or not to start or to continue to race.

1.4.3 RACE DECLARATION(S)
No boat will be accepted as an entry unless the Person in Charge has, before the start of the race, signed a declaration in the terms set out in NoR 1.14. The RORC reserves the right to require a signed declaration, in the terms set out in NoR 1.14, from each crew member.

1.4.4 SAFETY AND LIFE SAVING EQUIPMENT
For all Offshore Races, Competitors’ attention is drawn to RRS 1.2 life-saving equipment: "Each Competitor is individually responsible for wearing a personal flotation device adequate for the conditions.”

However, in Offshore Races a combined Lifejacket and Harness shall be worn when on deck:
- Between the hours of sunset and sunrise
- When alone on deck
- When reefed
- When the true wind speed is 25 knots or above
- When the visibility is less than 1 nautical mile

See also Special Regulation 5.02.

1.5 ELIGIBILITY – THE BOAT

1.5.1 BOAT SIZE
Except where stated otherwise the maximum size for any boat is:
- monohull 30.5 metres/100ft LH (LOA), multihull 21.5 metres/70ft.
The minimum size for monohulls is determined by their rating. See NoR 1.5.3 Classes. The minimum LH (LOA) for multihulls is 9.15 metres/30ft.

1.5.2 SUITABILITY
The minimum crew on any monohull shall be three apart from as allowed under NoR 1.5.3.1.4 Two-Handed Class.

1.5.3 EXCLUSION OF BOATS OR COMPETITORS
Part 1 - General Rules

RRS 76.1 is changed to apply to each race rather than the first race of the series.

1.5.4 CLASSES

1.5.4.1 IRC – Boats rating 0.850 and greater
IRC Rules Parts A, B, and C shall apply, except as varied below or in the Sailing Instructions.

1.5.4.1.1 IRC Endorsed Certificates
IRC Endorsed Certificates are required for the IRC National Championship.

1.5.4.1.2 IRC Rule 22.4.2 – Crew Numbers
IRC Rule 22.4.2 is deleted and replaced by “The maximum number of crew that may sail aboard a yacht shall be the number shown on the certificate. There is no weight limit.”

NOTE: The above provision overrides IRC Rule 22.4.2 in respect of One-Design classes. However, a Class may wish for its own purposes to apply its own crew limits of less than the RORC scale shown here. It is recommended that the Person in Charge consult their Class Association and the RORC.

1.5.4.1.3 Automatic and Wind-vane devices for Steering
Automatic and wind-vane devices for steering are permitted (this changes RRS 52).

1.5.4.1.4 Two-Handed Class
A Two-Handed Class within IRC will be available in Offshore Races. Boats will be eligible for both Two-Handed and IRC Rating band class trophies. Within the Two-Handed Class there will also be a trophy for mixed crews (a male and a female). Entries must satisfy the committee that they have suitable and adequate experience and that their boat is appropriately organised for two-handed sailing.

1.5.4.2 ORC Club - Boats rating 0.900 and greater
In the North Sea Race boats may enter in ORC Club (ORCi certificates are acceptable).

1.5.4.3 Multihulls - Boats rating 1.100 and greater
Offshore multihulls with Multihull Offshore Cruising and Racing Association (MOCRA) rating certificates may enter a multihull division in Offshore Races. The minimum crew for multihulls is two. Open multihulls may race without any rating.

1.5.4.4 Level Racing
When at least six boats from a class, which in itself races “level” and is recognised by the RORC, take part in a race, a class result may be provided. With prior permission from the RORC certain classes may be allowed to race under class rules within RORC racing (e.g. IMOCA 60, Class40).

1.5.5 CLASSES AND CLASS FLAGS

<table>
<thead>
<tr>
<th>Class</th>
<th>TCC Range</th>
<th>Class Flag</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRC Zero</td>
<td>1.275 and greater</td>
<td>Pennant 0</td>
</tr>
<tr>
<td>IRC One</td>
<td>1.101 – 1.274</td>
<td>Pennant 1</td>
</tr>
<tr>
<td>IRC Two</td>
<td>1.051 – 1.100</td>
<td>Pennant 2</td>
</tr>
<tr>
<td>IRC Three</td>
<td>1.004 – 1.050</td>
<td>Pennant 3</td>
</tr>
<tr>
<td>IRC Four</td>
<td>0.850 – 1.003</td>
<td>Pennant 4</td>
</tr>
<tr>
<td>ORC Club</td>
<td>0.900 and greater</td>
<td>Pennant 5</td>
</tr>
<tr>
<td>Multihull (MOCRA)</td>
<td>1.100 and greater</td>
<td>Pennant 8</td>
</tr>
</tbody>
</table>

Note: Boats with Canting Keels will race in the class appropriate to their TCC. The RORC reserves the right to amend the class bands in the light of 2020 data. Class bands may be changed for Inshore Regattas.

When racing, the appropriate Class flag or flags shall be prominently displayed from a backstay, or at the stern on a boat with no backstay. Boats shall provide their own Class flag.

1.5.6 RATINGS, RATING AND CLASS CERTIFICATES
Boats shall hold valid Rating/Class certificate(s) on the Rating Deadline. Boats racing under IRC are not required to submit a copy of their certificate to the RORC. Boats holding other Rating/Class certificates shall submit a copy of their certificate(s) to the RORC by the Rating Deadline. Changes to Ratings and Class certificates will only be accepted after the Rating Deadline in exceptional circumstances at the discretion of the RORC. Every boat racing shall have on board a current valid signed copy of the Rating and/or Class certificate for the Class or Classes in which she is racing.

1.5.7 WORLD SAILING OFFSHORE SPECIAL REGULATIONS (OSR) AND RORC PRESCRIPTIONS

The OSR category which applies to each race depends on the nature of the race and is specified in Part 2 for each race.

RORC Prescriptions can be found on page 67 of this Notice of Race.

Inshore Regattas use the World Sailing Special Regulations for inshore racing – Appendix B with VHF radio.

Weekend Offshore Races are Category 3 with a Category 2 compliant liferaft and AIS Transponder.

Long Offshore Races are usually Category 2 or Category 1. The complete World Sailing Offshore Special Regulations with RORC Prescriptions are in Appendix 1 to this Notice of Race. The World Sailing Special Regulations for inshore racing can be found in Appendix 2.

1.5.7.1 OSR Compliance
Responsibility for compliance rests with the Person in Charge. However, the RORC will endeavour to help Competitors to understand the OSR and reserves the right to conduct an OSR inspection on any boat at any time.

For Inshore Regattas only, the entrant shall complete an online declaration, using the online entry system SailGate, stating that the boat complies with the World Sailing Special Regulations for inshore racing.

For Offshore Races the Person in Charge shall, before the Closing Date of their first Offshore Race of the season, complete an Offshore Special Regulations (OSR) Checklist (available on the Documents Page) to the appropriate Category.

Only one checklist appropriate to the race category is required from the Person in Charge unless changes are made to the equipment onboard or the yacht changes ownership.

1.5.7.2 Automatic Identification System (AIS)
Boats shall carry an AIS Transponder in all Offshore Races. See OSR 3.29.1.

Competitors shall ensure that the racing name of the boat is transmitted rather than just the MMSI number.

Competitors shall ensure that their AIS Transponder is switched on and capable of transmitting and receiving at all times during Offshore Races.
EXPERIENCE EXCITING SAILING REGATTAS STARTING WITH GRENADA SAILING WEEK JANUARY 2021

#PURESAILING  #PURERACING  #PUREGRENADA  #SPICEOFTHECARIBBEAN

WWW.GRENADASAILINGWEEK.COM/REGISTRATION
1.6 STABILITY AND SAFETY INDICES
In accordance with OSR 3.04.3 the RORC uses minimum stability/buoyancy indices. For boats competing under IRC either SSS or STIX and AVS Indices are used depending on the series date of the boats and the category of the race. Monohull boats not racing under IRC shall satisfy the RORC that they meet the requirements of other stability indices for the category of race.
In exceptional circumstances the RORC may accept other indicators as to the suitability of the boats for a given category of race.

1.6.1 SSS OR STIX AND AVS
1.6.1.1 Category 1 and 2 Races:
Boats with series date of 1995 and later will be categorised under STIX & AVS only.
Boats with series date before 1995 may be categorised under either STIX & AVS or SSS.
1.6.1.2 Category 3 Races:
Boats with series date of 2000 and later will be categorised under STIX & AVS only.
Boats with series date before 2000 may be categorised under either STIX & AVS or SSS.
1.6.1.3 Inshore Races:
Boats may be categorised under either STIX & AVS or SSS.

1.6.2 MINIMUM PERMITTED VALUES

<table>
<thead>
<tr>
<th>OSR Category</th>
<th>Category 1</th>
<th>Category 2</th>
<th>Category 3</th>
<th>Inshore</th>
</tr>
</thead>
<tbody>
<tr>
<td>STIX minimum</td>
<td>32</td>
<td>32</td>
<td>23</td>
<td>14</td>
</tr>
<tr>
<td>AVS minimum</td>
<td>130-0.002*m</td>
<td>130-0.002*m</td>
<td>130-0.005*m</td>
<td>90</td>
</tr>
<tr>
<td>SSS minimum</td>
<td>35</td>
<td>28</td>
<td>15</td>
<td>10</td>
</tr>
</tbody>
</table>

Where \( m \) is the boat’s Minimum Sailing Weight

1.7 ELIGIBILITY – COMPETITORS
1.7.1 SHORESIDE CONTACT
For Inshore Regattas only, each boat shall nominate a Shoreside Contact. This person must be available on the phone number(s) supplied to the RORC throughout the regatta and shall not be a Competitor. In an emergency the RORC will phone the Shoreside Contact who shall act as the link on behalf of the crew. The Shoreside Contact shall hold the Emergency Contact details for all of the crew. A Shoreside Contact form is available on the Documents Page.

1.7.2 OFFSHORE CREWLIST
For Offshore Races an Offshore Crewlist complete with full Emergency Contact details shall be supplied to the RORC through SailGate. A boat shall not sail with a crew member who has not accepted their invitation to race and who has not completed their personal details and emergency contact details on SailGate.

1.7.3 Experience Requirement
For OSR Category 0, 1 and 2 races there are Experience Qualification Requirements. See Part 2 for details.

1.7.4 Training Requirement
There are basic training requirements for all Categories of Race. See section 6 of the World Sailing Offshore Special Regulations for full details.
For OSR Category 0, 1 and 2 races and for two-handed boats the RORC will ask the crew to provide evidence of training to OSR Section 6. This is the World Sailing (ISAF) Offshore Crew Safety Course. Equivalent qualifications may be accepted. For details of the Training Requirements for a race see the appropriate race page in Part 2.

1.7.5 First Aid Requirement
There are requirements for First Aid training in all Categories of Race. See OSR 6.04 and 6.05.
For OSR Category 0, 1 and 2 races the RORC will ask the crew to provide evidence of First Aid training to OSR Section 6.

1.8 RACE ENTRY
1.8.1 ENTERING A RACE
Each boat shall enter using SailGate, the online entry system. Submission of an entry will not guarantee a place in a race; all other entry requirements must be completed to the satisfaction of the RORC.

1.8.2 PAYMENT
Payment of the race entry fee shall be received by the RORC (allowing time for funds to clear where a bank transfer is used) on or before the Closing Date.
Credit/debit cards are accepted through the online entry system or by phone. The RORC may accept other payment methods.

NB: No competitor is considered an official entrant into a race until all outstanding entry fees have been finalised with the RORC.

1.8.2.1 Late Payment
When Entry Fees are received after the Closing Date, a Late Entry Fee may be charged. See NoR 1.8.5.

1.8.3 CANCELLATIONS AND REFUNDS
Cancellations before the Closing Date will be eligible for a full refund of the race entry fee.
Cancellations after the Closing Date will be eligible for a refund of 50% of the standard race entry fee.
If the Person in Charge fails to notify the RORC of cancellation as described above he/she shall pay the full fee without refund unless good reason can be shown.
Refunds will be sent to the credit card used for payment. For payments made by other means, refunds will be made against a written claim that must be received no later than Thursday 31st December 2020.
1.8.4 STANDARD ENTRY FEES - SHOWN IN STERLING

| LH (LOA) (m) | Offshore Weekend Races | | Inshore Regattas | | Morgan Cup & Île d’Ouessant Races | |
|--------------|------------------------|-----------------|------------------|-----------------|-----------------|
|               | Non-Members | Members (Discount) | Non-Members | Members (Discount) | Non-Members | Members (Discount) |
| Below 9.00    | 92          | 64 (27)            | 213          | 149 (64)          | 184          | 128 (56)          |
| 9.00–9.99     | 105         | 73 (32)            | 250          | 175 (75)          | 210          | 147 (63)          |
| 10.00–10.99   | 119         | 83 (36)            | 289          | 202 (87)          | 238          | 166 (72)          |
| 11.00–11.99   | 140         | 98 (42)            | 350          | 245 (105)         | 280          | 196 (84)          |
| 12.00–12.99   | 159         | 111 (48)           | 401          | 280 (121)         | 318          | 222 (96)          |
| 13.00–13.99   | 201         | 140 (61)           | 522          | 365 (157)         | 402          | 281 (121)         |
| 14.00–14.99   | 234         | 163 (71)           | 619          | 433 (186)         | 468          | 327 (141)         |
| 15.00–15.99   | 311         | 217 (94)           | 832          | 582 (250)         | 622          | 435 (187)         |
| 16.00–16.99   | 405         | 283 (122)          | 1101         | 770 (331)         | 810          | 567 (263)         |
| 17.00–17.99   | 523         | 366 (157)          | 1435         | 1080 (355)        | 1046         | 732 (314)         |
| 18.00–18.99   | 700         | 490 (210)          | 1934         | 1579 (355)        | 1400         | 1045 (355)        |
| 19.00–19.99   | 734         | 513 (221)          | 2030         | 1675 (355)        | 1448         | 1113 (355)        |
| 20.00–20.99   | 770         | 539 (231)          | 2131         | 1776 (355)        | 1540         | 1185 (355)        |
| 21.00–21.99   | 810         | 567 (243)          | 2244         | 1889 (355)        | 1620         | 1265 (355)        |
| 22.00–22.99   | 843         | 590 (253)          | 2340         | 1985 (355)        | 1686         | 1331 (355)        |
| 23.00–23.99   | 878         | 614 (264)          | 2440         | 2085 (355)        | 1756         | 1401 (355)        |
| 24.00–24.99   | 912         | 638 (274)          | 2536         | 2181 (355)        | 1824         | 1469 (355)        |
| 25.00–25.99   | 953         | 667 (286)          | 2650         | 2295 (355)        | 1906         | 1551 (355)        |
| 26.00–26.99   | 988         | 691 (297)          | 2750         | 2395 (355)        | 1976         | 1621 (355)        |
| 27.00–27.99   | 1022        | 715 (307)          | 2866         | 2491 (355)        | 2044         | 1689 (355)        |
| 28.00–28.99   | 1056        | 739 (317)          | 2942         | 2587 (355)        | 2112         | 1757 (355)        |
| 29.00–29.99   | 1099        | 769 (340)          | 3059         | 2704 (355)        | 2198         | 1843 (355)        |
| 30.00+        | 1139        | 797 (342)          | 3177         | 2822 (355)        | 2278         | 1923 (355)        |

Note: A discount of 30% of the race entry fee is applied for RORC Members. The discount is capped at the value of an ordinary UK member subscription (£355) and this is applied to each race entry fee.

1.8.5 LATE ENTRY FEES

Entries after the Closing Date and at least 48 hours before the start may be accepted on payment of an additional sum of half the standard entry fee.

1.9 COURSES

Courses will be outlined in Part 2 and detailed in the Sailing Instructions.

The Race Committee may set different courses for different Classes. Under these circumstances the results in IRC Overall will be calculated on Corrected Time for the longest course using a boat’s average speed. This changes RRS A3.
1.10 PENALTIES

1.10.1 TAKING A PENALTY (RRS 44)

Unless changed by the Sailing Instructions, the Two-Turns Penalty for breaking a rule of RRS Part 2, described in RRS 44.1, shall apply.

1.10.2 PENALTIES FOR INFRINGEMENTS OF OTHER RULES

Penalties for infringements of other rules will be detailed in the Sailing Instructions and may be less than disqualification.

1.11 COMMUNICATION

A boat may, without infringing RRS 41, request and receive repetition of information broadcast by the Race Committee, or be told whether or not a broadcast has been made.

1.11.1 RRS 41 – OUTSIDE HELP

Rule 41(c) is replaced by:

“A boat shall not receive help from any outside source, except (c) help in the form of information which is freely available to all boats, which shall include navigational, weather, tide or current information from any source which is available to all boats whether or not by payment of a fee or subscription, but shall not include any information gathered or the subject of interpretation by, or any advice received from, any source not on board the boat and which is specific to the boat and her situation.”

By way of example and interpretation: downloading charts, weather and/or tidal GRIB files from subscription services, or having such information passed to the boat in its pure form, is permitted but receiving messages or information which is the result of interpretation as it applies to the boat is not permitted.

1.12 SCORING

1.12.1 OFFSHORE RACES

1.12.1.1 RORC Points Table - Based on the Cox-Sprague System

The scoring system for Offshore Races will be the High Points System below; RRS Appendix A is changed: paragraphs A2 and A9 shall not apply.

The scoring system for Offshore Races will be the High Points System below; RRS Appendix A is changed: paragraphs A2 and A9 shall not apply.

1.12.1.2 RRS A3 – Scoring

The final sentence in RRS A3 – Scoring is modified to read “However, when a handicap or rating system is used a boat’s corrected time, rounded to the nearest second, shall determine her finishing place”. When IRC Classes sail different courses the IRC Overall result will be determined by calculating the boat’s Corrected Time against the longest course using a boat’s average

<table>
<thead>
<tr>
<th>Number of Starters</th>
<th>Place</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>1</td>
<td>58.5</td>
</tr>
<tr>
<td>11</td>
<td>2</td>
<td>55.5</td>
</tr>
<tr>
<td>12</td>
<td>3</td>
<td>52.5</td>
</tr>
<tr>
<td>13</td>
<td>4</td>
<td>50.5</td>
</tr>
<tr>
<td>14</td>
<td>5</td>
<td>50.0</td>
</tr>
<tr>
<td>15</td>
<td>6</td>
<td>50.0</td>
</tr>
<tr>
<td>16</td>
<td>7</td>
<td>50.0</td>
</tr>
<tr>
<td>17</td>
<td>8</td>
<td>50.0</td>
</tr>
<tr>
<td>18</td>
<td>9</td>
<td>50.0</td>
</tr>
<tr>
<td>19</td>
<td>10</td>
<td>50.0</td>
</tr>
<tr>
<td>20+</td>
<td>11</td>
<td>50.0</td>
</tr>
</tbody>
</table>

Points obtained from the table (excluding points for DNF or RAF which are always 10) are multiplied by the points factor. Details can be found in Part 2 of this Notice of Race. Note: For points factors in series scores see: 1.13.1.1 Season’s Points Championship Trophies and Special Awards.
speed. The Course Distances will be determined by the Race Committee.

1.12.1.3 RRS A11 – Scoring Abbreviations
RRS A11 – Scoring Abbreviations is changed to add: RAF – Retired after finishing.

1.12.2 NUMBER OF RACES
A minimum of three races must be completed to constitute a series.

1.13 TROPHIES AND PRIZES
The interpretation of the terms of award for all trophies and prizes will be made by the RORC Committee, whose decision is final. Trophies will only be awarded to boats which have completed the relevant races. When no boat qualifies to win a particular trophy the Race Committee may, at its discretion, award it otherwise.

The Club holds the winners of trophies and their cases (where appropriate), responsible for all damage or loss and strongly recommends that winners take out adequate insurance. Winners are responsible for having the trophy suitably engraved and are also liable for all return carriage costs. If a trophy is returned without engraving or without its case (where appropriate), the RORC reserves the right to charge the cost of the engraving and/or replacing the case (where appropriate) to the winner. Trophies shall be returned to the Club when requested by the Race Office.

1.13.1 SEASON’S POINTS CHAMPIONSHIP TROPHIES AND SPECIAL AWARDS
The Annual Challenge Trophies and Special Awards will be presented at the Annual Dinner.

1.13.1.1 SEASON’S POINTS CHAMPIONSHIP CLASS TROPHIES
A boat’s best high points factor race will be scored at the points factor shown in 1.1 Programme, further high points factor races will be scored at 1.0. A boat’s best five Offshore Races to count.

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Presented for</th>
<th>2019 Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europeans Cup</td>
<td>IRC Zero</td>
<td>Tala, David Collins</td>
</tr>
<tr>
<td>Trenchemer Cup</td>
<td>IRC One</td>
<td>Ino XXX, James Neville</td>
</tr>
<tr>
<td>Emily Verger Plate</td>
<td>IRC Two</td>
<td>Courrier Recommandé, Gery Trentesaux</td>
</tr>
<tr>
<td>Grenade Goblet</td>
<td>IRC Three</td>
<td>Black Sheep, Trevor Middleton</td>
</tr>
<tr>
<td>Cowland Tropy</td>
<td>IRC Four</td>
<td>Foggy Dew, Noel Racine</td>
</tr>
<tr>
<td>Psipsina Trophy</td>
<td>Two-Handed Class</td>
<td>Bellino, Rob Craigie &amp; Deborah Fish</td>
</tr>
<tr>
<td>Boyd Trophy</td>
<td>Mixed Two-Handed Division</td>
<td>Bellino, Rob Craigie &amp; Deborah Fish</td>
</tr>
<tr>
<td>RORC Decanter</td>
<td>Multihull</td>
<td>Buzz, Ross Hobson</td>
</tr>
<tr>
<td>The Concise Trophy</td>
<td>Class 40</td>
<td>Eärendil, Catherine Pourre</td>
</tr>
<tr>
<td>Oldland/Watts Aquadanca Trophy</td>
<td>For the Sigma 38 wih the highest Season’s Points</td>
<td>With Alacrity, Chris Choules</td>
</tr>
<tr>
<td>J/109 RORC Trophy</td>
<td>For the J/109 with the highest score from her best five points races including the Rolex Fastnet Race.</td>
<td>Just So, David McGough</td>
</tr>
</tbody>
</table>

Photo: RORC/Paul Wyeth/www.pwpictures.com

RORC Notice of Race 2020 15
1.13.1.2 SEASON’S POINTS CHAMPIONSHIP TROPHIES - IRC

A boat’s best high points factor race will be scored at the point’s factor shown in 1.1 Programme, further high points factor races will be scored at 1.0. All Offshore Races to count.

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Presented for</th>
<th>2019 Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jazz Trophy</td>
<td>IRC Overall</td>
<td>Black Sheep, Trevor Middleton</td>
</tr>
<tr>
<td>Keith Ludlow Trophy</td>
<td>Navigator of the IRC Overall Yacht</td>
<td>Jacob Carter, Black Sheep</td>
</tr>
<tr>
<td>David Foyles Memorial Cup</td>
<td>Best Sailing School Yacht</td>
<td>Skylander, Capstan Sailing School</td>
</tr>
<tr>
<td>Serendip Trophy</td>
<td>Best Series Produced Yacht</td>
<td>Black Sheep, Trevor Middleton</td>
</tr>
<tr>
<td></td>
<td>The Serendip Trophy will be presented to the best Cruiser-Racer series produced yacht as decided by the Committee.</td>
<td></td>
</tr>
<tr>
<td>Dillon Perpetual Ladies’ Trophy</td>
<td>Top Mixed Crew Containing 30% Female Sailors</td>
<td>Pintia, Gilles Fournier &amp; Corinne Migraine</td>
</tr>
<tr>
<td>Haylock Cup</td>
<td>Best British Service Yacht</td>
<td>British Soldier, Army Sailing Association</td>
</tr>
<tr>
<td>Stradivarins Trophy</td>
<td>Best Overseas Yacht</td>
<td>Courrier Recommandé, Gery Trentesaux</td>
</tr>
<tr>
<td>Aramalba Swan Cup</td>
<td>Best Swan</td>
<td>Xara, Jonathan Rolls</td>
</tr>
<tr>
<td>Alan Paul Trophy</td>
<td>Consistent high performance</td>
<td>Black Sheep, Trevor Middleton</td>
</tr>
<tr>
<td></td>
<td>Awarded to the yacht with the highest total fleet overall points (all races to count) plus a bonus: $2.5[R+(R-1)+(R-2)+(R-3) etc +(R-R)]$ when R=races completed. Class Season’s Points winners are excluded.</td>
<td></td>
</tr>
</tbody>
</table>

---

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Contact: Richard Power (RORC member since 1989)
richardp@fastnet-marine.co.uk
### 1.13.1.3 SPECIAL AWARDS

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Presented for</th>
<th>2019 Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Somerset Memorial Trophy</strong></td>
<td>Yacht of the Year</td>
<td><em>Wizard</em>, David &amp; Peter Askew</td>
</tr>
<tr>
<td></td>
<td>Awarded for outstanding racing achievement by a yacht owned or sailed by a RORC member as voted for by the RORC Main Committee.</td>
<td></td>
</tr>
<tr>
<td><strong>Assuage Trophy for RORC Members</strong></td>
<td></td>
<td><em>Foggy Dew</em>, Noel Racine</td>
</tr>
<tr>
<td></td>
<td>For the yacht, owned or skippered by a RORC member, with the most RORC points in IRC Overall in the Cherbourg Race plus her best three races taken from Cervantes, Morgan Cup, Myth of Malham and the Cowes Dinard St Malo Races. In each of the races an Assuage Tankard will be won by the best yacht on IRC Overall points.</td>
<td></td>
</tr>
<tr>
<td><strong>Highwayman Cup</strong></td>
<td></td>
<td><em>Telefonica Black</em>, Lance Shepherd</td>
</tr>
<tr>
<td></td>
<td>Best Elapsed time of an IRC yacht in the Cervantes Trophy, Morgan Cup, Cowes Dinard St Malo and Cherbourg races.</td>
<td></td>
</tr>
<tr>
<td><strong>Duncan Munro Kerr Youth Challenge Trophy</strong></td>
<td></td>
<td><em>Jacob Carter</em>, <em>Black Sheep</em></td>
</tr>
<tr>
<td></td>
<td>For a youth crew member who has completed the most RORC miles in the current season on a yacht which on Season’s Points finishes in the top three of her IRC class. The crew member must be between 15 and 25 (inclusive) on 1st January 2020. In the event of equal mileage the younger crew member wins.</td>
<td></td>
</tr>
<tr>
<td><strong>Peter Harrison Youth Trophy</strong></td>
<td></td>
<td><em>Phosphorus II</em>, Mark Emerson</td>
</tr>
<tr>
<td></td>
<td>For yachts racing under IRC with a minimum of 33% (rounded up) of the crew under the age of 25 on the 1st January 2020. Highest points score from any 3 Offshore Races in which the crew were youth as above. Two-Handed yachts are only eligible if both crew members are youth as above.</td>
<td></td>
</tr>
<tr>
<td><strong>Dennis P Miller Memorial Trophy</strong></td>
<td>British Yacht Overseas</td>
<td>Not Awarded in 2019</td>
</tr>
<tr>
<td><strong>Seamanship Trophy</strong></td>
<td>Outstanding Act of Seamanship</td>
<td><em>Roy Disney - Transpacific Race</em></td>
</tr>
<tr>
<td><strong>Freddie Morgan Trophy</strong></td>
<td>Classic Yacht in IRC</td>
<td><em>Winsome</em>, Harry Heijst</td>
</tr>
<tr>
<td><strong>The Beken Trophy</strong></td>
<td>Concours d’Elegance in RORC Races</td>
<td><em>Amokura</em>, Paul Moxon</td>
</tr>
<tr>
<td><strong>Meritorious Award</strong></td>
<td>Outstanding Keelboat Performance by a RORC Member</td>
<td><em>Grant Gordon</em></td>
</tr>
<tr>
<td><strong>The Pera Awards</strong></td>
<td>Pera Awards may be given to yachts which receive redress for rendering assistance during a race.</td>
<td>Not Awarded in 2019</td>
</tr>
</tbody>
</table>
1.13.2 RACE PRIZES AND TROPHIES

1.13.2.1 Trophies
The trophies to be awarded for a race are listed in Part 2.

1.13.2.2 Prizes
RORC medallions will be presented as prizes for each Class as follows:

<table>
<thead>
<tr>
<th>Number of starters</th>
<th>6 - 8</th>
<th>9 - 15</th>
<th>16 - 24</th>
<th>25 or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prizes</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

1.13.2.2.1 Low Number of Starters
When there are less than 6 starters in a Class it may be combined for prizes with the neighbouring least numerous Class.

1.13.2.2.2 High Number of Starters
When there are more than 30 starters in a Class it may be subdivided for prizes.

1.14 RACE ENTRY DECLARATION
The Person in Charge for each race shall agree to the terms of the declaration below using SailGate, the online entry system.

Race Entry Form Declaration to be signed by every Person in Charge.

To the best of my knowledge the information I have given is accurate. I understand that Yacht Racing can be dangerous. I agree that the RORC, organising clubs, the Rolex SA, the Rolex UK, sponsors and their agents, have no responsibility for loss of life or injury to members or others, or for the loss of, or damage to any vessel or property. I have paid particular attention to and agree to be bound by Special Regulation 1.02 and I have read and understand and where appropriate agree to be bound by RORC NoR 1.4 Responsibility. Before racing I will affect adequate and suitable insurance. Before racing I will ensure that my crew is aware of:

- the undertaking in this Declaration
- the importance of effecting appropriate personal insurance
- their responsibility in rules observance, and in particular RRS 1.2 (wearing personal floatation devices adequate for the conditions). See also RORC Prescription to the World Sailing Offshore Special Regulations 5.01.5.

I agree to be bound by RRS, RYA Prescriptions and this Notice of Race including RORC Prescriptions, World Sailing Offshore Special Regulations and other applicable rules. The boat will be available for inspection. If any alteration likely to affect the handicap or rating is made, e.g. to sails, rig, mast, ballast, trim, engine or propeller, I will notify the Rating Authority and Race Committee immediately. I will ensure that no crew member races contrary to the terms of any ban imposed by World Sailing, a National Authority or the RORC.

I understand and agree that the information given in this race entry and also the race entry lists and results will be maintained on the Club’s computer to be used for all aspects of race organisation.

1.15 INSURANCE
Boats shall be adequately and suitably insured with valid third-party liability insurance before racing.
INTRODUCTION
Part 2 of this Notice of Race gives details of the rules which apply to specific races and may change the rules of Part 1. The rules of Parts 1 and 2 may be changed in the Sailing Instructions.

Note: The paragraph numbering in Part 2 has been done to achieve consistency through Part 2 so the numbering in an individual Race may not be sequential.
Cervantes Trophy Race

2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with the Société des Régates du Havre and the Royal Yacht Squadron.

2.2 RACE DATE
Start: Friday 8th May 2020. First Warning Signal: 0850 from the RYS Cowes, to the East. HW: Portsmouth 1240 4.8m

2.3 CLASSES
IRC, IRC Two–Handed, Class40, Multihull.

2.4 ENTRY
Entry opens at 1200 on Monday 6th January 2020

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 23rd April 2020
Rating Deadline: Thursday 30th April 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices

2.11 COURSE
Cowes - Le Havre via marks. Approximately 110-160 nautical miles.

2.12 BERTHING
Berthing will be available in Le Havre marina for 24 hours on Saturday 9th May for boats competing in the race.

2.13 SCORING
Points Factor: 1.00. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cervantes Trophy</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>Thalassa Cup</td>
<td>IRC One</td>
</tr>
<tr>
<td>Noryema VII Cup</td>
<td>IRC Two</td>
</tr>
<tr>
<td>Vashti Goblet</td>
<td>IRC Three</td>
</tr>
<tr>
<td>Kinross Trophy</td>
<td>IRC Four</td>
</tr>
<tr>
<td>SRH Cup</td>
<td>Two-Handed Class</td>
</tr>
</tbody>
</table>

2.14.2 PRIZES
IRC Zero, Class40, Multihull.
RORC Medallions.

2.15 PRIZE GIVING
Saturday 9th May 2020 at 1200 (local time) at the Société des Régates du Havre. RORC medallions will be presented at 1930 on Wednesday 24th June, at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race)
2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club, in association with the Royal Harwich Yacht Club, the East Anglian Offshore Racing Association, the Yacht Club Scheveningen and Foundation North Sea Regatta.

2.2 RACE DATE
Start: Friday 22nd May 2020. First Warning Signal: 1150, near the entrance of Harwich Harbour. HW: Harwich 1240 3.8m

2.3 CLASSES
IRC, IRC Two-Handed, ORC, ORC Two-Handed, Class40, Multihull

2.4 ENTRY
Entry opens at 1200 on Monday 6th January 2020. Even if a boat is entered into the Vuurschepen Race (North Sea Regatta) it must enter the North Sea Race through RORC’s online entry system Sailgate. See NoR 1.7.

2.4.1 ENTRY DISPENSATION FOR BOATS COMPETING IN THE VUURSCHEPENRACE
Boats entered into the North Sea Race are not required to lodge a World Sailing Offshore Special Regulations checklist if they have competed in the Vuurschepenrace and have been inspected.

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 7th May 2020
Rating Deadline: Thursday 14th May 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

2.11 COURSE
Harwich to Scheveningen via Smith’s Knoll Buoy. The full course including all other marks will be detailed in the Sailing Instructions. Approximately 180 nautical miles.

2.13 SCORING
Points Factor: 1.2. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES
2.14.1 IRC TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goeree Challenge Cup</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>Wylie Trophy</td>
<td>IRC Zero</td>
</tr>
<tr>
<td>Lutine Trophy</td>
<td>IRC One</td>
</tr>
<tr>
<td>Joannes Pompejus Memorial Cup</td>
<td>IRC Two</td>
</tr>
<tr>
<td>Carter Ruck Trophy</td>
<td>IRC Three</td>
</tr>
<tr>
<td>Jan Moreton Salver</td>
<td>IRC Four</td>
</tr>
<tr>
<td>Golden Dragon Trophy</td>
<td>Two-Handed Class</td>
</tr>
<tr>
<td>Smith’s Knoll Trophy</td>
<td>First long course yacht at Smith’s Knoll Buoy</td>
</tr>
<tr>
<td>City of the Hague Trophy</td>
<td>Best yacht from Yacht Club Scheveningen</td>
</tr>
<tr>
<td>C70 Trophy</td>
<td>The Netherlands vs Great Britain</td>
</tr>
</tbody>
</table>

2.14.2 ORC TROPHIES
Trophies will be allocated to ORC classes once the class splits for the race have been decided.

<table>
<thead>
<tr>
<th>Trophy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zwerver Cup</td>
</tr>
<tr>
<td>Lora Challenge Cup</td>
</tr>
<tr>
<td>Veerhaven Trophy</td>
</tr>
</tbody>
</table>

2.14.3 RORC PRIZES
Class40, Multihull.
RORC Medallions.

2.15 PRIZE GIVING
Sunday 24th May 2020, 1600 (local time) in Scheveningen. All crews welcome.
Part 2 - The Races

2.16 TRACKING
It will be mandatory for boats to carry an Offshore Tracker unit for the North Sea Race. The units are standalone and will be provided by the RORC. The entry fee includes tracking however in the event of loss or failure to return the tracker Competitors will be liable for the rental or replacement costs (£750).

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race).

Race Office
Start: Royal Harwich Yacht Club, Woolverstone, Ipswich, Suffolk, IP9 1AT.
Telephone: +44 1473 780 319
Telephone: +31 6 53 24 44 95

Myth of Malham Race

2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with the Royal Yacht Squadron.

2.2 RACE DATE
Start: Saturday 23rd May 2020. First Warning Signal: 1120, RYS Cowes, to the West. HW: Portsmouth 1256 4.4m

2.3 CLASSES
IRC, IRC Two–Handed, Class40, Multihull.

2.4 ENTRY
Entry opens at 1200 on Monday 6th January 2020

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 7th May 2020
Rating Deadline: Thursday 14th May 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

North Sea Regatta 2020: IRC and ORC Regatta
- 19th May: Vuurschepen Race, Scheveningen – Harwich
- 22nd May: North Sea Race (RORC), Harwich – Scheveningen
- 30th May – 1st June: Inshore Races Scheveningen

Competitors in the Vuurschepen/Harwich Race and/or the North Sea Race and/or North Sea Regatta inshore races may be entitled to a discount of 50% of the regular mooring fees in the Jachthuis Scheveningen marina during their total stay in Scheveningen in connection with the regattas.

For further information about the North Sea Regatta contact:
Foundation North Sea Regatta, Hellingweg98, 2583 WH, Scheveningen, The Netherlands
Telephone: +31 6 53 24 44 95
Email: info@nsr.nl
Website: www.nsr.nl

2.11 COURSE
Solent to Eddystone Lighthouse then return to western Solent. Approximately 230 nautical miles.

2.13 SCORING
Points Factor: 1.20. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES

2.14.1 TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Myth of Malham Cup</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>Loujaime Cup</td>
<td>IRC One</td>
</tr>
<tr>
<td>Jamarella Trophy</td>
<td>IRC Two</td>
</tr>
<tr>
<td>Maid of Malham Cup</td>
<td>IRC Three</td>
</tr>
<tr>
<td>Ernest Moore Plate</td>
<td>IRC Four</td>
</tr>
<tr>
<td>Ville D’Hyeres Trophy</td>
<td>Two-Handed Class</td>
</tr>
</tbody>
</table>

2.14.2 RORC PRIZES
IRC Zero, Class40, Multihull; RORC Medallions.

2.15 PRIZE GIVING
Trophies and RORC Medallions will be presented on Wednesday 26th June, 1930 at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race).

Race Office
The Race Office will be the RORC Cowes Race Office, 82 High Street, Cowes, Isle of Wight, PO31 7AJ

RORC Cowes Clubhouse
Dinner reservations can be made with the Cowes Clubhouse for the evening of Friday 22nd May 2020, and breakfast orders for the morning of the start on Saturday 23rd May 2020. Please contact the Cowes Clubhouse directly for further information.
Telephone: +44 1983 293581
Email: cowes@rorc.org
2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with the Royal Yacht Squadron.

2.2 RACE DATE
Start: Saturday 6th June 2020. First Warning Signal: 0850, RYS Cowes, to the East. HW: Portsmouth 1225 4.7m

2.3 CLASSES
IRC, IRC Two–Handed, Class40, Multihull.

2.4 ENTRY
Entry opens at 1200 on Monday 6th January 2020

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 21st May 2020
Rating Deadline: Thursday 28th May 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 life raft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

2.11 COURSE
Suitable course(s) will be designed to last between 24 and 36 hours. The race area will be defined in the Sailing Instructions.

2.13 SCORING
Points Factor: 1.00. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES
2.14.1 TROPHIES
<table>
<thead>
<tr>
<th>Trophy Awarded for</th>
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</thead>
<tbody>
<tr>
<td>BCT IRC</td>
</tr>
<tr>
<td>IRC One</td>
</tr>
<tr>
<td>IRC Two</td>
</tr>
<tr>
<td>IRC Three</td>
</tr>
<tr>
<td>IRC Four</td>
</tr>
</tbody>
</table>

2.14.2 RORC PRIZES
IRC Zero, Two-Handed Class, Class40, Multihull. RORC Medallions.

2.15 PRIZE GIVING
Trophies and RORC Medallions will be presented at 1930 on Wednesday 24th June, at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race).

Race Office
The Race Office will be the RORC Cowes Race Office, 82 High Street, Cowes, Isle of Wight, PO31 7AJ

RORC Cowes Clubhouse
Dinner reservations can be made with the Cowes Clubhouse for the evening of Friday 5th June 2020, and breakfast orders for the morning of the start on Saturday 6th June 2020. Please contact the Cowes Clubhouse directly for further information.

Telephone: +44 1983 293581
Email: cowes@rorc.org
Part 2 - The Races

East Coast Race

For information only. See event Notice of Race at www.eaora.org.uk

ORGANISING AUTHORITY
East Anglian Offshore Racing Association in association with Haven Ports Yacht Club and the Royal Ocean Racing Club

RACE DATE
Start: Friday 19th June 2020

COURSE
Harwich to Breskens. Approximately 130 nautical miles

RORC SEASON’S POINTS CHAMPIONSHIP
The East Coast Race is part of the RORC Season’s Points Championship – Points Factor 1.0. See this NoR 1.1 & 1.12.

WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft.

SSE Renewables Round Ireland Race

For information only. See event Notice of Race.

ORGANISING AUTHORITY
Organised by the Wicklow Sailing Club in association with the Royal Irish Yacht Club (RIYC). The race is run under the auspices of the Royal Ocean Racing Club.

RACE DATE
Start: Saturday 20th June 2020

COURSE
Starting and finishing at Wicklow, leave Ireland and all its islands excluding Rockall to starboard. Approximately 704 nautical miles.

WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 2.

WEBSITE
www.roundireland.ie

Photo: RORC/Paul Wyeth/www.pwpictures.com
Morgan Cup Race

2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with the Royal Thames Yacht Club, the Royal Yacht Squadron and the Royal Cork Yacht Club.

2.2 RACE DATE
Start: Wednesday 8th July 2020. First Warning Signal: 1250, from the RYS Cowes, to the West. HW: Portsmouth 1446 4.5m

2.3 CLASSES
IRC, IRC Two–Handed, Class40, Multihull.

2.4 ENTRY
Entry opens at 1200 on Monday 6th January 2020

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Tuesday 23rd June 2020
Rating Deadline: Tuesday 30th June 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 2 with RORC Prescriptions. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

2.11 COURSE
Cowes to Cork. Approximately 324 nautical miles.

2.13 SCORING
Points Factor: 1.30. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES
2.14.1 TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prince of Wales Cup (special 2020 award)</td>
<td>1st Yacht Home</td>
</tr>
<tr>
<td>Royal Thames Yacht Club Morgan Cup</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>RTYC Knightsbridge Cup</td>
<td>IRC One</td>
</tr>
<tr>
<td>RTYC Queenborough Cup</td>
<td>IRC Two</td>
</tr>
<tr>
<td>RTYC Charles Ball Challenge Cup</td>
<td>IRC Three</td>
</tr>
<tr>
<td>RTYC Warsash Cup</td>
<td>IRC Four</td>
</tr>
<tr>
<td>RTYC Colin Campbell Challenge Cup</td>
<td>Two-Handed Class</td>
</tr>
<tr>
<td>RORC Salver</td>
<td>1st Yacht Home</td>
</tr>
</tbody>
</table>

2.14.2 RORC PRIZES
RORC Medallions.

2.15 PRIZE GIVING
The Morgan Cup trophies will be presented at the Royal Thames Yacht Club prize giving dinner (date TBC). RORC Medallions will be presented at 1930 on Thursday 24th September, at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

2.16 TRACKING
It will be mandatory for boats to carry an Offshore Tracker unit for the Morgan Cup Race. The units are standalone and will be provided by the RORC. The entry fee includes tracking however in the event of loss or failure to return the tracker Competitors will be liable for the rental or replacement costs (£750).

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race).

Race Office
Finish: RORC Representative: c/o Royal Cork Yacht Club, Crosshaven, Co. Cork, P43 HD40, Ireland
Telephone: +353 21 483 1023
La Trinité Race

For information only. See event Notice of Race at www.snt-voile.org
After a successful introduction to the programme in 2018, this race returns for 2020. Organised by the Société Nautique de La Trinité-sur-Mer in association with the RORC, it was established as a feeder race for southern Brittany boats wishing to compete in the Cowes-Dinard-St Malo Race. The course is challenging, taking competitors past west Brittany’s tricky navigational features such as the Raz de Sein and Ushant, before a northeasterly trek across the Channel to Cowes.

ORGANISING AUTHORITY
Organised by the Société Nautique de La Trinité-sur-Mer in association with the Royal Ocean Racing Club

RACE DATE
Sunday 12th July 2020

Cowes Dinard St Malo Race

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices

2.11 COURSE

2.13 SCORING
Points Factor: 1.00. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES
2.14.1 TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>King Edward VII Cup</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>Derek Boyer Trophy</td>
<td>2nd BCT IRC</td>
</tr>
<tr>
<td>Lloyds of London Salver</td>
<td>IRC Zero</td>
</tr>
<tr>
<td>Noryema Trophy</td>
<td>IRC One</td>
</tr>
<tr>
<td>Yeoman Bowl</td>
<td>IRC Two</td>
</tr>
<tr>
<td>Yacht Club de Dinard Trophy</td>
<td>IRC Three</td>
</tr>
<tr>
<td>IR Trophy</td>
<td>IRC Four</td>
</tr>
<tr>
<td>Slingshot Trophy</td>
<td>Two-Handed Class</td>
</tr>
<tr>
<td>Sandison Memorial Salver</td>
<td>1st Monohull Home</td>
</tr>
<tr>
<td>John West Trophy*</td>
<td>Club Challenge for two yacht teams scored in IRC Overall</td>
</tr>
<tr>
<td>Newcome Hoare Trophy*</td>
<td>Best IRC yacht on corrected time with 25% of the crew under 25</td>
</tr>
<tr>
<td>Roulette Trophy</td>
<td>Best Contessa 32 belonging to the Class Association</td>
</tr>
</tbody>
</table>

2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with UNCL, Yacht Club de Dinard, Société Nautique de la Baie de St. Malo, Junior Offshore Group (JOG) and the Royal Yacht Squadron.

2.2 RACE DATE
Start: Friday 17th July 2020. First Warning Signal: 0850, RYS Cowes, to the West. HW: Portsmouth 1010 3.9m

2.3 CLASSES
IRC, IRC Two–Handed, Class40, Multihull.

2.4 ENTRY
In co-operation with JOG the following arrangement applies to the Cowes-Dinard-St Malo Race this year: Boats in the JOG Offshore Championship may gain JOG points by a request to RORC before the race and payment of an additional £5 to which RORC add an additional contribution for the benefit of JOG.

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 2nd July 2020
Rating Deadline: Thursday 9th July 2020
Spica Trophy*  
Best IRC 4 boat, 38ft and under, with a crew made up of at least 3 family and friends

Yacht Club de France Shield  
Awarded at the discretion of the Yacht Club de France

The Dinard Trophy  
1st Multihull Home

Yachts and Yachting Cauldron  
BCT MOCRA Rating Rule

* These trophies are subject to specific extra conditions which are set out in a Trophy Application Form. To be eligible entrants must complete the form and lodge it with the RORC before the start of the race.

2.14.2 PRIZES  
Class40. RORC Medallions.

2.15 PRIZE GIVING  
Sunday 19th July 2020 at 1100 (local time), at the Société Nautique de la Baie de St. Malo. RORC medallions will be presented at 1930 on Thursday 24th September, at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

NOTICES TO COMPETITORS  
(Notices are for information and do not rank as part of this Notice of Race)

RORC Cowes Clubhouse  
Dinner reservations can be made with the Cowes Clubhouse for the evening of Thursday 16th July 2020, and breakfast orders for the morning of the start on Friday 17th July 2020. Please contact the Cowes Clubhouse directly for further information.  
Telephone: +44 1983 293581  
Email: cowes@rorc.org

Race Office  
Finish: RORC representative, Société Nautique de la Baie de St. Malo, Quai de Bajoyer 5, 35400 St. Malo.  
Telephone: + 33 2 9920 2295

Monohull Course Record: 2015 Leopard in 11 hours 57 minutes and 53 seconds.

Multihull Course Record: 2015 Concise 10 in 9 hours 12 minutes and 35 seconds.
Part 2 - The Races
2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with the Royal Yacht Squadron.

2.2 RACE DATE
Start: Saturday 1st August 2020. First Warning Signal: 0850, RYS Cowes, to the West. HW: Portsmouth 1031 4.2m

2.3 CLASSES
IRC, IRC Two-Handed, Class40, Multihull.

2.4 ENTRY

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 16th July 2020
Rating Deadline: Thursday 23rd July 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

2.11 COURSE
Suitable course(s) will be designed to last between 24 and 36 hours. The race area will be defined in the Sailing Instructions with the finish intended to be in the Solent.

2.13 SCORING
Points Factor: 1.00. See NoR 1.12

2.14 RACE PRIZES AND TROPHIES
2.14.1 TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel Challenge Cup</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>Stetson Plate</td>
<td>IRC One</td>
</tr>
<tr>
<td>Royal Albert Yacht Club Trophy</td>
<td>IRC Two</td>
</tr>
<tr>
<td>Royal Albert Yacht Club Trophy</td>
<td>IRC Three</td>
</tr>
<tr>
<td>Royal Albert Yacht Club Trophy</td>
<td>IRC Four</td>
</tr>
<tr>
<td>Assegai Bowl</td>
<td>Two-Handed Class</td>
</tr>
<tr>
<td>Hugh Astor Trophy</td>
<td>1st Yacht Home</td>
</tr>
<tr>
<td>Inter Service Trophy</td>
<td>Service Yacht with BCT</td>
</tr>
</tbody>
</table>

2.14.2 RORC PRIZES
IRC Zero, Class40, Multihull; RORC Medallions.

2.15 PRIZE GIVING
Trophies and RORC Medallions will be presented at 1930 on Thursday 24th September, at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race)

RORC Cowes Clubhouse
Dinner reservations can be made with the Cowes Clubhouse for the evening of Friday 31st July 2020, and breakfast orders for the morning of the start on Saturday 1st August 2020. Please contact the Cowes Clubhouse directly for further information.

Telephone: +44 1983 293581
Email: cowes@rorc.org
### Part 2 - The Races

#### L’Île d’Ouessant (Ushant) Race

- **English Channel**
- **Cowes**
- **Guernsey**
- **Jersey**
- **St. Malo**

### 2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club in association with the Société Nautique de la Baie de St. Malo and the Royal Yacht Squadron.

### 2.2 RACE DATE
**Start:** Sunday 16th August 2020. **First Warning Signal:** 0920, RYS Cowes, to the West. **HW:** Portsmouth 1031 4.1m

### 2.3 CLASSES
IRC, IRC Two–Handed, Multihull, recognised One-Design/Open Classes (e.g. IMOCA 60, Class40).

### 2.4 ENTRY
Entry opens at 1200 on the 6th January 2020

### 2.5 CLOSING DATE/RATING DEADLINE
**Closing Date:** Thursday 30th July 2020
**Rating Deadline:** Thursday 6th August 2020

### 2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 2 with RORC Prescriptions. See NoR 1.5.6

### 2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

### 2.8 EXPERIENCE QUALIFICATIONS
Every crew member must have experience of sailing a boat offshore and be prepared to encounter heavy weather. Competitors may be required to provide evidence of offshore experience. A minimum of 50% of the crew (but no fewer than 2) including the Person in Charge must have completed at least one RORC Offshore race within 12 months of the start of the L’île d’Ouessant Race.

When it is not reasonably possible to access RORC races, or in exceptional circumstances, an alternative method for qualification may be agreed by the RORC.

### 2.9 TRAINING
#### 2.9.1 OFFSHORE CREW TRAINING
At least 30% of the boat’s crew (but no less than 2), including the Person in Charge, must have completed training to Section 6 of the World Sailing Offshore Special Regulations and gained a certificate from a World Sailing approved Offshore Personal Survival Training Course. Training must have taken place within 5 years of the start of the race.

#### 2.9.2 FIRST AID TRAINING
At least one member of the boat’s crew shall hold an in-date certificate of a First Aid Training Course. The course shall comply with OSR 6.05.2 and have been completed within five years of the start of the race. The qualifications of Doctors, Paramedics or similarly trained medical professionals will be accepted, provided they are familiar with the topics in OSR Appendix H.

### 2.11 COURSE

### 2.13 SCORING
Points Factor: 1.30. See NoR 1.12.2

### 2.14 RACE PRIZES AND TROPHIES
Trophies and prizes will be awarded for all classes.

### 2.15 PRIZE GIVING
In St Malo as soon as possible after the race. RORC Medallions will be presented on Thursday 24th September, 1930 at the RORC Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

### 2.16 TRACKING
It will be mandatory for boats to carry an Offshore Tracker unit for the L’île d’Ouessant Race. The units are standalone and will be provided by the RORC. The entry fee includes tracking however in the event of loss or failure to return the tracker Competitors will be liable for the rental or replacement costs (£750).

### NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race)

#### Race Office
The Race Office will be the RORC Cowes Race Office, 82 High Street, Cowes, Isle of Wight PO31 7AJ

#### RORC Cowes Clubhouse
The Cowes Clubhouse welcomes Competitors taking part in the L’île d’Ouessant Race in the build up to the race.

Dinner reservations can be made with the Cowes Clubhouse for the evening of Saturday 15th August 2020 and breakfast orders for the morning of the start on Sunday 16th August 2020. Please contact the Cowes Clubhouse directly for further information.

**Telephone:** +44 1983 293581
**Email:** cowes@rorc.org
2.1 ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club, in association with the Yacht Club de Cherbourg and the Royal Yacht Squadron.

2.2 RACE DATE
Start: Friday 4th September 2020. First Warning Signal: 1750, RYS Cowes, to the East. HW: Portsmouth 1350 4.6m

2.3 CLASSES
IRC, IRC Two–Handed, Class40, Multihull.

2.4 ENTRY
Entry opens at 1200 on Monday 6th January 2020

2.5 CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 20th August 2020
Rating Deadline: Thursday 27th August 2020

2.6 WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Category 3 plus Category 2 liferaft with RORC Prescriptions and AIS Transponder. See NoR 1.5.6

2.7 STABILITY AND SAFETY INDICES
See NoR 1.6 Stability and Safety Indices.

2.11 COURSE
Cowes to Cherbourg. Approximately 80 nautical miles.

2.13 SCORING
Points Factor: 1.00. See NoR 1.12.

2.14 RACE PRIZES AND TROPHIES
2.14.1 TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherbourg Trophy</td>
<td>BCT IRC</td>
</tr>
<tr>
<td>Quailo Cup</td>
<td>IRC One</td>
</tr>
<tr>
<td>Trophée des Deux Manches</td>
<td>IRC Two</td>
</tr>
<tr>
<td>Yacht Club de France Trophy</td>
<td>IRC Three</td>
</tr>
<tr>
<td>Jolie Brise Trophy</td>
<td>IRC Four</td>
</tr>
<tr>
<td>RORC Trophy</td>
<td>Two-Handed Class</td>
</tr>
</tbody>
</table>

2.14.2 RORC PRIZES
IRC Zero, Class40, Multihull. RORC Medallions.

2.15 PRIZE GIVING
In Cherbourg on Saturday 5th September, at 1300 local time. RORC Medallions will be presented at 1930 on Thursday 24th September, at the Clubhouse, 20 St James’s Place, London SW1. All crews welcome.

NOTICES TO COMPETITORS
(Notices are for information and do not rank as part of this Notice of Race)

Race Office
Finish: RORC Representative: C/O Yacht Club de Cherbourg, Port Chantereyne, 50100, Cherbourg.
Tel: +33 2 33 94 28 05

Photo: RORC/Rick Tomlinson/www.rick-tomlinson.com
**Rolex Middle Sea Race**

For information only. See event Notice of Race at www.rolexmiddlesearace.com

**ORGANISING AUTHORITY**
Organised by the Royal Malta Yacht Club under the auspices of the Royal Ocean Racing Club

**RACE DATE**
Start: Saturday 17th October 2020

**CLASSES**
IRC and ORC

**WORLD SAILING OFFSHORE SPECIAL REGULATIONS**
Category 2

**COURSE**
Starting from Malta, boats will sail a course leaving to port the Island of Sicily, the Aeolian Islands (including Strombolicchio), the Egadi Islands (except Marettimo Island), Pantelleria and Lampedusa Islands, through the South Comino Channel, keeping Malta to starboard, to the finish in Malta. The Islands of Ustica, Linosa and Lampione are not marks of the course. Approximately 630 miles.

**ENTRY**
Please enter through the Royal Malta Yacht Club
Tel: +356 21 33 31 09
Email: info@rmyc.org

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**RORC Transatlantic Race**

For information only. See event Notice of Race at rorctransatlantic.rorc.org

**ORGANISING AUTHORITY**
Organised by the Royal Ocean Racing Club.

**RACE DATE**
Start: Saturday 9th January 2021

**COURSE**
Lanzarote, Canary Islands to Grenada, Caribbean. Approximately 2,995 nautical miles.
Want to win yacht races? A vital ingredient is coaching
(That’s why America’s Cup teams have coaches, so do all Olympic sailors)

Free coaching is available to all entrants in the RORC Easter Challenge
(You can even pre-request coaches look at specifics – trim, new sails, manoeuvres, etc)

Coaches include ‘coach to the stars’ Jim Saltonstall and ‘coach to America’s Cup teams’ Eddie Warden Owen
(...plus Mason King and various North Sails experts)

Outside assistance rules relaxed – coaches can come on board/
you can see your trim from a coach boat DURING RACING
(...and you can’t be protested for it)

Standing-room only debriefs including drone footage
(Learn from some of the grand masters in the convivial setting of the Cowes Clubhouse)
**RORC Easter Challenge**

For information only. See event Notice of Race at www.rorc.org

The RORC Easter Challenge is the Club’s official training regatta where race coaches and the team from North Sails are among those imparting their knowledge both on the water and post-race at the RORC Cowes Clubhouse for free to all competitors. Crews can even request coaching on specific aspects eg: sail trim, starting, manoeuvres, etc. Uniquely for the event RRS41 is relaxed enabling coaches to come on board or crew to step off on to a coach RIB during racing.

**ORGANISING AUTHORITY**
Organised by the Royal Ocean Racing Club with the support of North U Regatta Services.

**RACE DATE**
Friday 10th – Sunday 12th April 2020

---

**Contessa 32 Regatta**

For information only. See event Notice of Race at www.rorc.org

These classic yachts will be joining us for a weekend of racing with a class dinner at the clubhouse on the Saturday night.

**ORGANISING AUTHORITY**
Royal Ocean Racing Club

**RACE DATE**
Saturday 18th – Sunday 19th April 2020

---

**Vice Admiral’s Cup**

For information only. See event Notice of Race at www.rorc.org

This event held in the Solent is designed for class racing and closely banded IRC classes with a mixture of windward/leeward and round the cans races. A social programme will be based at the RORC Cowes Clubhouse. Among the classes expected in 2020 are Performance 40, J/111, J/109, HP30, J/70, SB20 and Quarter Ton.

**ORGANISING AUTHORITY**
Royal Ocean Racing Club

**RACE DATE**
Friday 15th – Sunday 17th May 2020
CLOSING DATE THURSDAY 18TH JUNE 2020
IRC CLASSES
IRC boats with TCC 0.850 and above.
Further information can be found on the documents page of the website.
See event Notice of Race at www.rorc.org
Cowes Keelboat Series

For information only. See event Notice of Race at www.cowesharbourcommission.co.uk/ccca

The annual Cowes Keelboat series is a celebration of dayboat racing, and is open to the local fleets of Etchells, Dragons, RS Elites, Flying Fifteens, XOD’s and Darings who will be competing in round the cans racing from our RORC Cowes club house start line. The series forms part of the CCCA 2020 programme of events.

ORGANISING AUTHORITY
Cowes Clubs and Classes Association

RACE DATE
Saturday 6th – Sunday 7th June 2020

IRC National Championship

WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Appendix B Inshore Racing plus VHF radio.

COURSE(S)
Racing will take place in The Solent, using a variety of windward/leeward and round the buoys courses. Racing will be provided to test the performance of a boat’s and its crew, whilst sailing all angles of the wind. Downwind and reaching starts may be used.

BERTHING
Berthing will not be provided. Boats wishing to berth in Cowes need to make their own arrangements. Cowes Yacht Haven – Tel: +44 1983 299 975.

SCORING
Inshore Regatta: A maximum of eight races is scheduled of which two races are required to be completed to constitute a series. Scoring will be in accordance with Appendix A of the Racing Rules of Sailing. Please note that for the purposes of scoring, classes may be combined and constitute one class.

RACE PRIZES AND TROPHIES

<table>
<thead>
<tr>
<th>Trophy</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td>RORC IRC National Championship Trophy</td>
<td>1st Overall</td>
</tr>
<tr>
<td>Jackdaw Trophy</td>
<td>2nd Overall</td>
</tr>
<tr>
<td>Roger Granger Memorial Cup</td>
<td>Top Boat owned by a RORC Member</td>
</tr>
</tbody>
</table>

TINY MITCHELL TROPHY

The Tiny Mitchell Trophies will be awarded to the winner of each class for the lowest resultant score for all races held on Saturday 27th June 2020. There will be no discards.
PRIZE GIVING

The Prize Giving for the IRC National Championship will be held at 1600 on Sunday 28th June 2020 at the RORC Cowes Clubhouse.

NOTICES TO COMPETITORS

SOCIAL

All Competitors will be welcome at the RORC Cowes Clubhouse during the event. For details of accommodation and dining facilities please contact the Club. Additional social arrangements will be published in the Sailing Instructions.

Telephone: +44 1983 293581
Email: cowes@rorc.org

Photo: RORC/Paul Wyeth/www.pwpictures.com
J/Cup

Regatta races over three days in the mid Solent for J/Boats,

ORGANISING AUTHORITY
Royal Ocean Racing Club

RACE DATE
Thursday 2nd – Saturday 4th July 2020

RORC Telegraph Bowl for XOD

Five races over two days in the mid Solent for the XOD fleet,

ORGANISING AUTHORITY
Royal Ocean Racing Club

RACE DATE
Saturday 25th – Sunday 26th July 2020

Cowes Keelboat Championship

Four races over windward/leeward courses for the keelboat classes based in Cowes, including Daring’s, Etchells, Dragons and RS Elite fleets.

ORGANISING AUTHORITY
Cowes Clubs and Classes Association

RACE DATE
Saturday 25th - Sunday 26th July 2020
Part 2 - The Races

Half Ton Cup

For information only. See event Notice of Race at www.rorc.org
Championship races over five days in the mid Solent for Half Tonners.

ORGANISING AUTHORITY
Royal Ocean Racing Club

RACE DATE
Sunday 26th – Friday 31st July 2020

Photo: RORC/Paul Wyeth/www.pwpictures.com

J/111 World Championship

For information only. See event Notice of Race at www.rorc.org
Championship races over seven days in the mid Solent for the J/111 class.

ORGANISING AUTHORITY
Royal Ocean Racing Club

RACE DATE
Sunday 30th August – Saturday 5th September 2020

Photo: RORC/Rick Tomlinson/www.rick-tomlinson.com
IRC Two-Handed National Championship

CLOSING DATE/RATING DEADLINE
Closing Date: Thursday 3rd September 2020
Rating Deadline: Thursday 3rd September 2020

WORLD SAILING OFFSHORE SPECIAL REGULATIONS
Inshore Races: Appendix B Inshore Racing plus VHF Radio.

COURSE
Around fixed or laid marks in the Solent.

SCORING
A maximum of four inshore races will be held. Scoring will be in accordance with Appendix A of the Racing Rules of Sailing.

RACE PRIZES AND TROPHIES
Prizes will be awarded in accordance with NoR 1.13

PRIZE GIVING
The prize giving will be on Sunday 13th September at RORC, Cowes Clubhouse. Target time 16.00.

NOTICES TO COMPETITORS
Dinner reservations can be made with the Cowes Clubhouse for the evenings of Friday 11th and Saturday 12th September 2020 and breakfast orders for the mornings of Saturday 12th and Sunday 13th September 2020. There will also be a social event after racing on Saturday 12th September 2020. Please contact the Cowes Clubhouse directly for further information.

Telephone: +44 1983 293581
Email: cowes@rorc.org

Cowes Keelboat Series

For information only. See event Notice of Race at www.cowesharbourcommission.co.uk/ccca

The annual Cowes Keelboat series is a celebration of dayboat racing, and is open to the local fleets of Etchells, Dragons, RS Elites, Flying Fifteens, XOD's and Darings who will be competing in round the cans racing from our RORC Cowes club house start line. The series forms part of the CCCA 2020 programme of events.

ORGANISING AUTHORITY
Cowes Clubs and Classes Association

RACE DATE
Saturday 19th – Sunday 20th September 2020

For information only. See event Notice of Race at www.rorc.org

ORGANISING AUTHORITY
Organised by the Royal Ocean Racing Club

RACE DATE
Saturday 12th - Sunday 13th September 2020.

CLASSES
IRC

ENTRY
Entry opens at 1200 on Monday 6th January 2020

Photo: RORC/Rick Tomlinson/www.rick-tomlinson.com

Photo: RORC/Paul Wyeth/www.pwpictures.com
Part 2 - The Races

**IRC European Championship**

For information only. See event Notice of Race at [www.corkweek.ie](http://www.corkweek.ie)

**ORGANISING AUTHORITY**
Organised by the Royal Cork Yacht Club

**RACE DATE**
Monday 13th – Friday 17th July 2020

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**ORC/IRC World Championship**

For information only. See event Notice of Race at [www.nyyc.org](http://www.nyyc.org)

The 2020 ORC/IRC World Championship will bring top sailing teams from around the globe to battle on Rhode Island Sound and Narragansett Bay for one of three coveted world titles. It’s the first time in two decades this regatta, which will be held out of the New York Yacht Club Harbour Court, has been held in North America.

**ORGANISING AUTHORITY**
New York Yacht Club in association with the Royal Ocean Racing Club

**RACE DATE**
Friday 25th September – Saturday 3rd October 2020

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Photo: Alexander Panzeri/Yacht Club Sanremo

Photo: Sander van der Borch
Dubai to Muscat Race

For information only. See event Notice of Race.

ORGANISING AUTHORITY
The United Arab Emirates Sailing and Rowing Federation (UAE SARF) in co-operation with the Dubai Offshore Sailing Club (DOSC) with the finish hosted by the Marina Bandar Al Rowdha in Muscat. The race is run under the auspices of the Royal Ocean Racing Club.

RACE DATE
Start: Friday 28th February 2020

WEBSITE
www.dubaitomuscatrace.com

Rolex China Sea Race

For information only. See event Notice of Race.

ORGANISING AUTHORITY
The Rolex China Sea Race, a biennial 565nm category 1 offshore race, is organised and conducted by the Royal Hong Kong Yacht Club (RHKYC) in co-operation with the Manila Yacht Club and with the finish hosted by Subic Bay Yacht Club. The race is run under the auspices of the Royal Ocean Racing Club (RORC) and the RHKYC Offshore Prescriptions.

RACE DATE
Start: Wednesday 8th April 2020

WEBSITE
www.rolexchinesearace.com

Raja Muda Selangor International Regatta

For information only. See event Notice of Race.

ORGANISING AUTHORITY
The Raja Muda Selangor International Regatta is a challenging annual sailing event organised by the Royal Selangor Yacht Club in conjunction with the Royal Ocean Racing Club. It consists of 3 overnight passage races, 260 miles in total, plus three days of harbour racing around the tropical islands of Penang and Langkawi.

RACE DATE
Start: Friday 13th November 2020

WEBSITE
www.rmsir.com
GOVERNING OFFSHORE RACING FOR MONOHULLS & MULTIHULLS
STRUCTURAL FEATURES · YACHT EQUIPMENT
PERSONAL EQUIPMENT · TRAINING
OFFSHORE RACING ENVIRONMENTAL CODE

World Sailing is committed to the promotion of care for the environment. In offshore racing we will

- use holding tanks where fitted and empty at a pump-out station or more than 3 miles offshore
- in the bilges use oil collection pads and dispose properly ashore
- use environmentally-friendly cleaning products suitable for the marine environment
- retain garbage on board for recycling or disposal ashore except in a long voyage when
  biodegradable waste may be discharged overboard
- avoid the use of 2-stroke engines (except advanced models with pollution control)
- use solar, water power or wind charging when appropriate
- use shore toilets when in port
- observe IMO guidelines on biofouling
1.01 Purpose and Use

The purpose of the Offshore Special Regulations (OSR) is to establish uniform minimum equipment, accommodation and training standards for monohull and multihull (excluding proa) boats racing offshore.

1.01.2 The OSR do not replace, but rather supplement, the requirements of governmental authority, Classification Society certification, the Racing Rules of Sailing (RRS), Equipment Rules of Sailing (ERS), class rules and Rating Systems.

1.01.3 Use of the OSR does not guarantee total safety of the boat and her crew. Particular attention is drawn to the description of OSRs for inshore racing which includes that adequate shelter and or effective rescue is available all along the course. This is not included in more onerous OSR categories.

1.02 Responsibility of Person in Charge

1.02.1 Under RRS 4 the responsibility for a boat's decision to participate in a race or continue racing is hers alone. The safety of a boat and her crew is the sole and inescapable responsibility of the Person in Charge who shall do his best to ensure that the boat is fully found, thoroughly seaworthy and manned by an experienced and appropriately trained crew who are physically fit to face bad weather. The person in charge shall also assign a person to take over his responsibilities in the event of his incapacitation.

1.02.2 Neither the establishment of the OSR, nor their use by Organizing Authorities, nor the inspection of a boat under the OSR in any way limits or reduces the complete and unlimited responsibility of the Person in Charge.

1.02.3 By participating in a race conducted under the OSR, the person in charge, each competitor and boat owner agrees to reasonably cooperate with the organizing authority and World Sailing in the development of an independent incident report as specified in 2.02

1.03 Definitions, Abbreviations, Word Usage

1.03.1 Definitions of Terms used in this document

Abbreviation | Description
---|---
# | Pound force (lbf)
ABS | American Bureau of Shipping
Age Date | Month/year of first launch
AIS | Automatic Identification Systems
CEN | Comité Européen de Normalisation
<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coaming</td>
<td>The part of the cockpit, including the transverse after limit, over which water would run when the boat is floating level and the cockpit is filled to overflowing</td>
</tr>
<tr>
<td>COLREGS</td>
<td>International Regulations for Preventing Collisions at Sea</td>
</tr>
<tr>
<td>Contained Cockpit</td>
<td>A cockpit where the combined area open aft to the sea is less than 50% maximum cockpit depth x maximum cockpit width</td>
</tr>
<tr>
<td>CPR</td>
<td>Cardiac-Pulmonary Resuscitation</td>
</tr>
<tr>
<td>Crewmember</td>
<td>Every person on board</td>
</tr>
<tr>
<td>DSC</td>
<td>Digital Selective Calling</td>
</tr>
<tr>
<td>EN</td>
<td>European Norm</td>
</tr>
<tr>
<td>EPIRB</td>
<td>Emergency Position-Indicating Radio Beacon</td>
</tr>
<tr>
<td>ERS</td>
<td>World Sailing - Equipment Rules of Sailing</td>
</tr>
<tr>
<td>FA Station</td>
<td>The transverse station at which the upper corner of the transom meets the sheerline</td>
</tr>
<tr>
<td>First Launch</td>
<td>Month &amp; year of first launch of the individual boat</td>
</tr>
<tr>
<td>Foul-Weather Suit</td>
<td>Clothing designed to keep the wearer dry and may consist of one piece or several</td>
</tr>
<tr>
<td>GMDSS</td>
<td>Global Maritime Distress &amp; Safety System</td>
</tr>
<tr>
<td>GNSS</td>
<td>Global Navigation Satellite System</td>
</tr>
<tr>
<td>GPS</td>
<td>Global Positioning System</td>
</tr>
<tr>
<td>Hatch</td>
<td>The term hatch includes the entire hatch assembly including the lid or cover as part of that assembly</td>
</tr>
<tr>
<td>HMPE</td>
<td>High Modulus Polyethylene (Dyneema®/Spectra® or equivalent)</td>
</tr>
<tr>
<td>IMO</td>
<td>International Maritime Organisation</td>
</tr>
<tr>
<td>IMSO</td>
<td>The International Mobile Satellite Organisation, the independent, intergovernmental organisation that oversees Inmarsat's performance of its Public Service Obligations for the GMDSS and reports on these to IMO</td>
</tr>
<tr>
<td>INMARSAT</td>
<td>Inmarsat Global Limited is the private company that provides GMDSS satellite distress and safety communications, plus general communications via voice, fax and data</td>
</tr>
<tr>
<td>ISAF</td>
<td>International Sailing Federation- (now World Sailing)</td>
</tr>
<tr>
<td>ISO</td>
<td>International Standard Organization or International Organization for Standardization</td>
</tr>
<tr>
<td>ITU</td>
<td>International Telecommunications Union</td>
</tr>
<tr>
<td>Jackstay</td>
<td>A securely fastened webbing or rope which permits a crewmember to move from one part of the boat to another without having to unclip a safety harness tether</td>
</tr>
<tr>
<td>LH</td>
<td>Hull Length as defined by the ERS</td>
</tr>
<tr>
<td>Lifeline</td>
<td>Rope or wire line rigged as guardrail / guardline around the deck</td>
</tr>
<tr>
<td>LSA</td>
<td>IMO International Life-Saving Appliance Code</td>
</tr>
<tr>
<td>LWL</td>
<td>(Length of) loaded waterline</td>
</tr>
<tr>
<td>Monohull</td>
<td>A boat with one hull</td>
</tr>
<tr>
<td>Moveable Ballast</td>
<td>Material carried for the sole purpose of increasing weight and/or influencing stability and/or trim which may be moved transversely but not varied in weight while a boat is racing</td>
</tr>
<tr>
<td>Multihull</td>
<td>A boat with more than one hull</td>
</tr>
<tr>
<td>Open Cockpit</td>
<td>A cockpit that is not a Contained Cockpit</td>
</tr>
<tr>
<td>ORC</td>
<td>Offshore Racing Congress (formerly Offshore Racing Council)</td>
</tr>
<tr>
<td>OSR</td>
<td>Offshore Special Regulation(s)</td>
</tr>
<tr>
<td>Permanently Installed</td>
<td>The item is effectively built-in by e.g. bolting, welding, glassing etc. and may not be removed for or during racing</td>
</tr>
<tr>
<td>PLB</td>
<td>Personal Locator Beacon</td>
</tr>
<tr>
<td>Primary Launch</td>
<td>Month &amp; Year of first launch of the first boat of the production series or first launch of a non-series boat</td>
</tr>
<tr>
<td>Proa</td>
<td>Asymmetric Catamaran</td>
</tr>
<tr>
<td>Rode</td>
<td>Rope, chain, or a combination of both, which is used to connect an anchor to the boat</td>
</tr>
</tbody>
</table>
World Sailing Special Regulations

RRS  World Sailing - Racing Rules of Sailing
Safety Line  A tether used to connect a safety harness to a strong point
SAR  Search and Rescue
SART  Search and Rescue Transponder
Securely Fastened  Held strongly in place by a method (e.g. rope lashings, wing-nuts) which will safely retain the fastened object in severe conditions including a 180° capsize and allows for the item to be removed and replaced during racing
SOLAS  Safety of Life at Sea Convention
SSS  The Safety and Stability Screening numeral
Static Ballast  Material carried for the sole purpose of increasing weight and/or to influence stability and/or trim and which is not moved or varied in weight while a boat is racing
Static Safety Line  A safety line (usually shorter than a safety line carried with a harness) kept clipped on at a work-station
STIX  ISO 12217-2 Stability Index
Variable Ballast  Water carried for the sole purpose of influencing stability and/or trim and which may be varied in weight and/or moved while a boat is racing
Waterline  The water surface when the boat is floating in measurement trim
World Sailing  Formerly the International Sailing Federation or ISAF

** 1.03.2  The words "shall" and "must" are mandatory, and "should" and "may" are permissive

** 1.03.3  The word "yacht" shall be taken as fully interchangeable with the word "boat"

SECTION 2 - APPLICATION & GENERAL REQUIREMENTS

2.01  Categories of Events
Organizing Authorities shall select from one of the following categories and may modify the OSR to suit local conditions.

2.01.1  Category 0
Trans-oceanic races, including races which pass through areas in which air or sea temperatures are likely to be less than 5°C (41°F) other than temporarily, where boats must be completely self-sufficient for very extended periods of time, capable of withstanding heavy storms and prepared to meet serious emergencies without the expectation of outside assistance.

2.01.2  Category 1
Races of long distance and well offshore, where boats must be completely self-sufficient for extended periods of time, capable of withstanding heavy storms and prepared to meet serious emergencies without the expectation of outside assistance.

2.01.3  Category 2
Races of extended duration along or not far removed from shorelines or in large unprotected bays or lakes, where a high degree of self-sufficiency is required of the boats.

2.01.4  Category 3
Races across open water, most of which is relatively protected or close to shorelines.

2.01.5  Category 4
Short races, close to shore in relatively warm or protected waters normally held in daylight.

2.01.6  Special Regulations - for Inshore Racing
Short races, close to shore in relatively warm and protected waters where adequate shelter and/or effective rescue is available all along the course, held in daylight only (refer to Appendix B).

2.01.7  Special Regulations - for Inshore Dinghy Racing
Short races in boats that may not be self-sufficient, with rescue boats available all along the course, held in daylight only (refer to Appendix C).

2.02  Incident Reporting
The Organizing Authority of a race will establish whether any incidents occurred, which if reported would be likely to be relevant to evolving the Offshore Special Regulations, the plan review process, or in increasing safety. The Organizing Authority will follow any guidelines issued by World Sailing concerning incident reporting.
** 2.03 **

** Inspection **

A boat may be inspected at any time. If she fails to comply with the OSR her entry may be rejected or she will be subject to protest.

** 2.04 **

** General Requirements **

** 2.04.1 **

All equipment required by OSR shall:

a) function properly

b) be regularly checked, cleaned and serviced

c) if it has an expiry date, it will not have exceeded its expiry date whilst racing

d) when not in use be stowed in conditions in which deterioration is minimised

e) be readily accessible

f) be of a type, size and capacity suitable and adequate for the intended use and size of the boat.

** 2.04.2 **

Heavy items shall be permanently installed or securely fastened.

** SECTION 3 - STRUCTURAL FEATURES, STABILITY, FIXED EQUIPMENT **

** 3.01 **

** Strength of Build and Rig **

A boat shall be/have:

3.01.1 Properly rigged, fully seaworthy and shall meet the OSR.

3.01.2 Equipped with shrouds and at least one forestay that shall remain connected to the mast and the boat while racing.

** 3.02 **

** Watertight and Structural Integrity of a Boat **

Essentially watertight and all openings shall be capable of being immediately secured. Centreboard, daggerboard trunks and the like shall not open into the interior of a hull except via a watertight maintenance hatch with the opening entirely above the Waterline.

3.02.2 Effective 1 January 2021: Structural Inspection - Consult the owner’s manual for any instructions for keel bolt checking and re-tightening. The following inspection to be conducted by a qualified person externally with the boat out of the water. Check that there are no visible stress cracks particularly around the keel, hull/keel attachment, hull appendages and other stress points, inside the hull, backing plates, bolting arrangements and keel floors. (See Appendix L - Model Keel and Rudder Inspection Procedure).

3.02.3 Effective 1 January 2021: Evidence of a structural inspection in accordance with 3.02.2 within 24 months before the start of the race or after a grounding whichever is the later.

3.02.4 Effective 1 January 2021: Inspection after Grounding – an appropriately qualified person shall conduct an internal and external inspection after each unintentional grounding.

** 3.03 **

** Hull Construction Standards (Scantlings) **

3.03.1 If a monohull with a Primary Launch after 2009

a) less than 24 m (78'-9") LH shall:

i) be designed, built and maintained in accordance with the requirements of ISO 12215 Category A

3.03.1 a) ii) have a World Sailing/ISAF building plan review certificate issued from a notified body recognized by World Sailing, unless higher classification has been obtained from a Classification Society recognised by World Sailing. World Sailing will publish a list of waived plan review certificates.

3.03.1 b) 24 m (78'-9") LH and greater shall:

be designed, built and maintained in accordance with the requirements of a Classification Society recognized by World Sailing

3.03.1 c) have a Builder’s Declaration signed and dated by the builder to confirm the boat is built in accordance with the reviewed plans. In cases when a builder no longer exists, a race organizer or class rules may accept a signed statement by a naval architect or other person familiar with the requirements of above in lieu of the Builder’s Declaration, and

3.03.1 d) have an additional World Sailing/ISAF certificate of building plan review in accordance with a) or b) and c) above for any significant repair of modification to the hull, deck, coachroof, keel or appendages.

3.03.2 A monohull with Primary Launch between 1987 and 2010, and all multihulls, shall have been designed, built, maintained, modified or repaired in accordance with the requirements of:
3.04 Stability - Monohulls

3.04.1 Able to demonstrate compliance with ISO 12217-2* design category A or higher, either by EC Recreational Craft Directive certification having obtained the CE mark or the designer's declaration.

3.04.2 Where compliance in accordance with 3.04.1 cannot be demonstrated, able to demonstrate either:

3.05 Stability and Flotation - Multihulls

3.05.1 Watertight bulkheads and compartments (which may include permanently installed flotation material) in each hull, to ensure that the boat is effectively unsinkable and capable of floating in a stable position with at least half the length of one hull flooded (see OSR 3.13.2)

3.05.2 Transverse watertight bulkheads at intervals of not more than 4 m (13'-3") in every hull without accommodation if with a First Launch after 1998

3.05.3 Designed and built to resist capsize.

3.06 Exits - Monohulls

World Sailing Special Regulations
3.06.1 At least two exits if 8.5 m [28'] LH and greater and with a Primary Launch after 1994. One exit shall be located forward of the foremost mast except where structural features prevent its installation.

3.06.2 The following minimum clear hatch openings if First Launch after 2013:

- a) a circular hatch with diameter 450 mm (18”);
- b) any other shape with minimum dimension of 380 mm (15”) and minimum area of 0.18 m² (1.9 ft²) (see figure 1)

3.07 Exits and Escape Hatches - Multihulls

3.07.1 Exits

- At least two exits in each hull which contains accommodations
- At least two exits in each hull which contains accommodations if 8 m (26'-3") LH and greater

3.07.2 Escape Hatches, Underside Clipping Points & Handholds

- a) If 12 m (39'-4") LH and greater each hull which contains accommodation:
  - i) an escape hatch for access to and from the hull in the event of an inversion;
  - ii) a minimum clearance diameter through each escape hatch of 450 mm (18") or when an escape hatch is not circular, sufficient clearance to allow a crewmember to pass through fully clothed on boats if First Launch after 2002;
  - iii) each escape hatch above the waterline when the boat is inverted;
  - iv) each escape hatch at or near the midships station if First Launch after 2000;
  - v) each escape hatch on the side nearest the vessel’s central axis for a catamaran if First Launch after 2002

- b) if a trimaran at least two escape hatches in compliance with the dimensions in OSR 3.07.2 a) ii if 12 m (39'-4") LH and greater if First Launch after 2002

- c) if a trimaran at least one escape hatch in compliance with the dimensions in OSR 3.07.2 a) ii if less than 12 m (39'-4") LH if First Launch after 2002

- d) appropriate handholds/clipping points on the underside sufficient for all crew (on a trimaran these shall be around the central hull)

- e) a catamaran with a central nacelle first launched after 2002 shall have on the underside around the central nacelle, handholds of sufficient capacity to enable all persons on board to hold on and/or clip on securely

3.07.3 This is replaced by a RORC Prescription: Multihulls shall have escape hatch(es) as detailed in OSR 3.07.2

3.08 Hatches & Companionways

3.08.1 Hatch covers forward of the maximum beam station shall not open toward the interior of the boat, except hatches in the side of a coachroof or ports having an area of less than 0.071 m² (110 in²)

3.08.2 A hatch, including a hatch over a locker shall be:

- a) permanently attached and capable of being firmly shut immediately and remaining firmly shut in a 180° capsize
- b) above the water when the boat is heeled 90°
## World Sailing Special Regulations

### Mo0,1,2,3,4

<table>
<thead>
<tr>
<th>Section</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>** 3.08.3 **</td>
<td>Hatches not conforming with 3.08.1 and 3.08.2 shall be clearly labelled and used in accordance with the following instruction &quot;NOT TO BE OPENED AT SEA&quot;</td>
</tr>
<tr>
<td>** 3.08.4 **</td>
<td>Companionway hatches:</td>
</tr>
<tr>
<td>a)</td>
<td>fitted with a strong securing arrangement which shall be operable from the exterior and interior even when the boat is inverted</td>
</tr>
<tr>
<td>b)</td>
<td>blocking devices:</td>
</tr>
<tr>
<td>i)</td>
<td>capable of being retained in position with the hatch open or shut</td>
</tr>
</tbody>
</table>

#### Mo0,1,2,3,4

3.08.5 if a monohull with Open Cockpit(s): |
3.08.5 a) a companionway sill that does not extend below the local sheerline; or |
3.08.5 b) a companionway in full compliance with ISO 11812 category A |

#### Mu0,1,2,3,4

3.08.6 if a monohull with Contained Cockpit(s) where the companionway extends below the local sheerline, panels capable of blocking the companionway up to the level of the local sheerline whilst giving access to the interior: |
3.08.7 if a multihull with a companionway hatch extending below the local sheerline either: |
3.09 Cockpits |
3.09.1 Cockpits that self-drain quickly by gravity at all angles of heel and are permanently incorporated as an integral part of the boat |
3.09.2 A cockpit sole at least 2% LWL above the waterline (or in IMS boats with First Launch before 2003, at least 2% L above the waterline) |
3.09.3 A bow, lateral, central or stern well is a cockpit for the purposes of OSR 3.09. |
3.09.4 Cockpit Volume |
3.09.4 a) primary launch before April 1992: 6% (LWL x maximum beam x freeboard abreast the cockpit) |
3.09.4 b) primary launch after March 1992: 9% (LWL x maximum beam x freeboard abreast the cockpit) |

#### Extract MoMu0,1

3.09.5 Cockpit Drains |
3.09.5 a) 2 x 25 mm (1") diameter or equivalent for a boat less than 8.5 m (28') LH |
3.09.5 b) 4 x 20 mm (3/4") diameter or equivalent for a boat 8.5 m (28') LH or greater |

#### Extract MoMu2,3,4

3.10 Sea Cocks or Valves |
3.10.1 Permanently installed sea cocks or valves on all through-hull openings below the waterline except for integral deck scuppers and instrument through-hulls |

#### 3.11 Sheet Winches |
Sheet winches mounted in such a way that an operator is not required to be substantially below deck |

#### 3.12 Mast Step |
The heel of a keel stepped mast securely fastened to the mast step or adjoining structure |

#### 3.13 Watertight Bulkheads |
3.13.1 Either a watertight “crash” bulkhead within 15% of LH from the bow and abaft the forward end of LWL, or permanently installed closed-cell foam buoyancy effectively filling the forward 30% of LH of the hull.

Mo0,1,2,3,4

3.13.2 Any required watertight bulkhead to be strongly built to take a full head of water pressure without allowing any leakage into the adjacent compartment.

Mo0

3.13.3 At least two watertight transverse main bulkheads in addition to any bulkheads positioned within the forward and aft 15% of LH.

Mo0

3.13.4 Outside deck access for inspection and pumping shall be provided to every watertight compartment terminated by a hull section bulkhead, except that deck access to extreme end “crash” compartments is not required.

Mo0

3.13.5 An access hatch in every required watertight bulkhead (except a “crash” bulkhead). The access hatch shall have means of watertight closure permanently attached to the main panel, or lid, or cover of the hatch. The closure shall not require tools to operate.

3.14 Pulpits, Stanchions, Lifelines

3.14.1 The perimeter of the deck surrounded by system of lifelines and pulpits as follows:

a) Continuous lifelines fixed only at (or near) the bow and stern. However a gate on each side of a boat is permitted. Except at its end fittings and at gates, the movement of a lifeline in a fore-and-aft direction shall not be constrained. Temporary sleeving shall not modify tension in the lifeline.

b) Minimum heights of lifelines and pulpit rails above the working deck and vertical openings:
   i) upper: 600 mm (24”)
   ii) intermediate: 230 mm (9”)
   iii) vertical opening: no greater than 380 mm (15”) except that on a boat with a Primary Launch before 1993 where it shall be no greater than 560 mm (22”)
   iv) a boat less than 8.5 m (28”) LH may use a single lifeline system with a height between 450 mm (18”) and 560 mm (22”)

MoMu3,4

c) Lifelines permanently supported at intervals of not more than 2.2 m (7’-2 1/2”) and shall not pass outboard of supporting stanchions.

d) Pulpit and stanchion bases permanently installed with pulpits and stanchions mechanically retained in their bases.

e) The outside of pulpit and stanchion base tubes no further inboard from the edge of the working deck than 5% of maximum beam or 150 mm (6”), whichever is greater, nor further outboard than the edge of the working deck.

f) Stanchions straight and vertical except that:
   i) within the first 50 mm (2”) from the deck, stanchions shall not be displaced horizontally from the point at which they emerge from the deck or stanchion base by more than 10 mm (3/8”)
   ii) stanchions may be angled to not more than 10° from vertical at any point above 50 mm (2”) from the deck.

g) A bow pulpit may be open provided the opening between the pulpit and any part of the boat does not exceed 360 mm (14”).

Figure 2 - Diagram Showing Pulpit Opening
h) Lifelines may terminate at or pass through adequately braced stanchions set inside and overlapping the bow pulpit

i) When a deflecting force of 4 kg (8.8 lb) is applied to a lifeline at the mid-point of the longest span between supports that are aft of the mast, the deflection shall not exceed:
   i) 50 mm (2") for an upper or single lifeline
   ii) 120 mm (4.7") for an intermediate lifeline

** Special Requirements for Pulpits, Stanchions, Lifelines on Multihulls **

When on a boat it is impractical to precisely follow OSR regarding pulpits, stanchions, lifelines, the regulations for monohulls shall be followed as closely as possible

3.14.2 Lifeline Specifications

3.14.2.1 a) Lifelines of stranded stainless steel wire

** 3.14.2.1 b) The minimum diameter is specified in table 8 below

** 3.14.2.1 c) Stainless steel lifelines shall be uncoated and used without close-fitting sleeving, however, temporary sleeving may be fitted provided it is regularly removed for inspection

** 3.14.2.1 d) A lanyard of synthetic rope may be used to secure lifelines provided the gap it closes does not exceed 100 mm (4"). This lanyard shall be replaced annually

** 3.14.2.1 e) All components of the lifeline enclosure system shall have a breaking strength no less than the lifeline

** 3.14.2.1 f) When HMPE is used, it shall be protected from chafe and spliced in accordance with the manufacturer’s recommended procedures

<table>
<thead>
<tr>
<th>LH wire</th>
<th>HMPE rope (Single braid)</th>
<th>HMPE Core (Braid on braid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>under 8.5m (28ft)</td>
<td>3mm (1/8 in)</td>
<td>4mm (5/32 in)</td>
</tr>
<tr>
<td>8.5m - 13m</td>
<td>4mm (5/32 in)</td>
<td>5mm (3/16 in)</td>
</tr>
<tr>
<td>over 13m (42 ft 8 in)</td>
<td>5mm (3/16 in)</td>
<td>5mm (3/16 in)</td>
</tr>
</tbody>
</table>

3.15 Multihull Nets or Trampolines

3.15.1 The words “net” and “trampoline” are interchangeable. A net shall be:

3.15.1.1 a) essentially horizontal

3.15.1.2 b) made from durable woven webbing, water permeable fabric, or mesh with openings not larger than 5 cm (2") in any dimension. Attachment points shall be planned to avoid chafe. The junction between a net and a boat shall present no risk of foot trapping

3.15.1.3 c) solidly fixed at regular intervals on transverse and longitudinal support lines and shall be fine-stitched to a bolt rope

3.15.1.4 d) able to carry the full weight of the crew either in normal working conditions at sea or in case of capsize when the boat is inverted

3.15.2 Trimarans with Double Crossbeams

3.15.2.1 A trimaran with double crossbeams shall have nets on each side covering:-

3.15.2.2 a) the area formed by the crossbeams, central hull and outriggers

3.15.2.3 b) the triangles formed by the aft end of the central pulpit, the mid-point of each forward crossbeam, and the intersection of the crossbeam and the central hull

3.15.2.4 c) the triangles formed by the aftermost part of the cockpit or steering position (whichever is furthest aft), the mid-point of each after crossbeam, and the intersection of the crossbeam and the central hull, except that:-
3.15.2  d) OSR 3.15.2(c) is not a requirement when cockpit coamings and/or lifelines are present which comply with the minimum height requirements in OSR 3.14

3.15.3 **Trimarans with Single Crossbeams**

A trimaran with a single crossbeam shall have nets between the central hull and each outrigger on each side between two straight lines from the intersection of the crossbeam and the outrigger, respectively to the aft end of the pulpit on the central hull, and to the aftermost point of the cockpit or steering position on the central hull (whichever is furthest aft)

3.16 **Catamarans**

3.16 a) laterally by the hulls; and

3.16 b) longitudinally by transverse stations through the forestay base, and the aftermost point of the boom lying fore and aft. However, a catamaran with a central nacelle (non-immersed) may satisfy the regulations for a trimaran

3.17 **Toe Rail or Foot - Stop**

3.17.1 Permanently installed toe rail of minimum height 25 mm (1”), located as close as practicable to the stanchion bases, around the foredeck from abreast the mast

3.17.2 An additional lifeline of between 25-50 mm (1-2”) high is permitted in lieu of a toe rail on a boat with Primary Launch before 1984.

3.18 **Toilet**

3.18.1 Permanently installed toilet

3.18.2 Permanently installed toilet or fitted bucket

3.19 **Bunks**

3.19.1 Permanently installed bunk for each crewmember

3.19.2 Permanently installed bunks

3.20 **Cooking Facilities**

3.20.1 Permanently installed cooking stove, capable of being operated safely at sea, with fuel shutoff control

3.21 **Drinking Water Tanks & Drinking Water**

3.21.1 **Drinking Water Tanks**

3.21.1 Permanently installed delivery pump and water tanks dividing the water supply into at least three compartments

3.21.1 Permanently installed delivery pump and water tanks dividing the water supply into at least two compartments

3.21.1 Permanently installed delivery pump and water tank(s)

3.21.2 **Drinking Water**

3.21.2 Equipment (which may include watermakers and tanks containing water) permanently installed to provide at least 3 l (0.8 US Gal) of drinking water per person per day for the likely duration of the voyage

3.21.3 **Emergency Drinking Water**

3.21.3 At least 9 l (2.4 US Gal) of drinking water for emergency use in a dedicated and sealed container or container(s)

3.21.3 a) in the absence of a power driven watermaker, at least 1 l (0.26 US Gal) per person per day in at least two separate containers shall be provided for the expected duration of the voyage

3.21.3 b) when a power-driven watermaker is on board, at least 500 ml (0.13 US Gal) per person per day in at least two separate containers shall be provided for the expected duration of the voyage

3.21.3 c) facilities shall be provided to collect rainwater for drinking purposes including when dismasted

3.22 **Hand Holds**

3.22.1 Adequate hand holds fitted below deck

3.23 **Bilge Pumps and Buckets**

3.23.1 a) two strong buckets, each with a lanyard and of at least 9 l (2.4 US Gal) capacity

3.23.1 b) two permanently installed manual bilge pumps, one operable from above, the other from below deck
<table>
<thead>
<tr>
<th>Section</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mo3Mu0,1,2</td>
<td>3.23.1 b) one permanently installed manual bilge pump</td>
</tr>
<tr>
<td>Mu4</td>
<td>3.23.1 b) one manual bilge pump</td>
</tr>
<tr>
<td>Mu0,1,2,3,4</td>
<td>3.23.1 c) provision to pump out all watertight compartments (except those filled with impermeable buoyancy)</td>
</tr>
<tr>
<td>**</td>
<td>3.23.2 All required permanently installed bilge pumps shall be operable with all cockpit seats, hatches and companionways shut and with permanently installed discharge pipe(s) of sufficient capacity</td>
</tr>
<tr>
<td>**</td>
<td>3.23.3 Bilge pumps shall not be connected to cockpit drains and shall not discharge into a Closed Cockpit</td>
</tr>
<tr>
<td>**</td>
<td>3.23.4 Bilge pumps shall be readily accessible for maintenance and for clearing out debris</td>
</tr>
<tr>
<td>**</td>
<td>3.23.5 All removable bilge pump handles retained by a lanyard</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>3.24 Compass</td>
</tr>
<tr>
<td>MoMu0,1,2,3,4</td>
<td>3.24 a) Permanently installed marine magnetic steering compass, independent of any power supply, correctly adjusted with deviation card</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>3.24 b) a second compass which may be hand-held and/or electronic</td>
</tr>
<tr>
<td>Mo0</td>
<td>3.25 Halyards</td>
</tr>
<tr>
<td>**</td>
<td>3.25 a) A minimum of two halyards, each capable of hoisting a sail, on each mast</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>3.25 b) No halyard shall be locked, lashed or otherwise secured to the mast in a way that requires a person to go aloft in order to lower a sail in a controlled manner, except for a headsail in use with a furling device</td>
</tr>
<tr>
<td>Mo0</td>
<td>3.26 Bow Fairlead</td>
</tr>
<tr>
<td>3.27 Navigation Lights</td>
<td></td>
</tr>
<tr>
<td>**</td>
<td>3.27.1 that conform to the International Regulations for Preventing Collisions at Sea (Part C and Technical Annex I) and shall be exhibited as required by those regulations.</td>
</tr>
<tr>
<td>**</td>
<td>3.27.2 mounted above sheerline and so that they will not be masked by sails or the heeling of the boat</td>
</tr>
<tr>
<td>3.28 Engines, Generators, Fuel</td>
<td></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>3.28.1 a) engines and associated systems installed in accordance with their manufacturers’ guidelines and suitable for the size and intended use of the boat</td>
</tr>
<tr>
<td>Mo0,1,2Mo0</td>
<td>3.28.1 b) an engine which provides a minimum speed in knots of (1.8 x WLWL in metres) or (W LWL in feet)</td>
</tr>
<tr>
<td>Mu1,2,3</td>
<td>3.28.1 c) inboard engine</td>
</tr>
<tr>
<td>Mo3</td>
<td>3.28.1 c) either an inboard or outboard engine, with associated power supply systems, all securely fastened</td>
</tr>
<tr>
<td>**</td>
<td>3.28.1 d) an inboard combustion engine shall have a permanently installed exhaust, cooling system, fuel supply, fuel tank(s) and shall have adequate heavy weather protection</td>
</tr>
<tr>
<td>**</td>
<td>3.28.1 e) an inboard electrical engine, when fitted, shall be provided with a permanently installed power supply, adequate heavy weather protection and have an engine control system.</td>
</tr>
<tr>
<td>3.28.2 Generator</td>
<td></td>
</tr>
<tr>
<td>**</td>
<td>3.28.2 If an optional generator separate from the propulsion engine is carried, it shall be installed in accordance with the manufacturer’s guidelines</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>3.28.3 a) All fuel tanks for storage of liquid fuels shall be rigid (but may have permanently installed flexible liners) and shall have a shutoff valve</td>
</tr>
</tbody>
</table>

**World Sailing Special Regulations**
### Communications Equipment, GPS, Radar, AIS

#### 3.28.3

**b)** At the start a boat with a combustion engine shall carry sufficient fuel to meet charging requirements for the duration of the race and to motor at the above minimum speed for at least 5 hours.

#### 3.28.4

**Battery Systems**

**a)** a dedicated engine/generator starting battery when an electric starter is the only method for starting the engine and/or separate generator.

**b)** Batteries installed after 2011 shall be of the sealed type from which liquid electrolyte cannot escape.

**c)** At the start a boat with an electric engine shall carry sufficient capacity to meet electrical requirements for the duration of the race and to motor at the above minimum speed for at least 5 hours.

#### 3.29

**Communications Equipment, GPS, Radar, AIS**

**3.29.01**

- A marine radio transceiver with an emergency antenna when the regular antenna depends upon the mast.

**3.29.02**

- If the marine radio transceiver is a VHF:
  - **a)** A minimum rated output power of 25 W.
  - **b)** A masthead antenna not less than 38 cm (15") in length and co-axial feeder cable with not more than 40% power loss.

**3.29.02 a)** A masthead antenna and co-axial feeder cable with not more than 40% power loss.

**3.29.02 b)** Be DSC capable if installed after 2015.

**3.29.02 c)** Be connected to a GPS receiver and be capable of making distress alert calls as well as sending and receiving a DSC position report with another DSC equipped station.

**3.29.02  e)** A marine VHF DSC radio covering all international and US marine channels and meeting ITU class D.

**3.29.03 a)** At least two hand-held satellite telephones, watertight or with waterproof covers and internal batteries. When not in use each to be stowed in a grab bag (see OSR 4.21).

**3.29.03 b)** One hand-held satellite telephone, watertight or with waterproof cover and internal battery.

**3.29.04**

- At least two hand-held marine VHF transceivers each with min 5 W output power, watertight or with waterproof covers. When not in use to be stowed in a grab bag (see OSR 4.21).

**3.29.05**

- A hand-held marine VHF transceiver, watertight or with a waterproof cover. When not in use to be stowed in a grab bag or emergency container (see OSR 4.21).

**3.29.06**

- A second radio receiver, which may be the handheld VHF in 3.29.5 above, capable of receiving weather bulletins.

**3.29.07**

- A direction-finding radio receiver operating on 121.5 MHz to take a bearing on a PLB or EPIRB, or an alternative device for crew overboard location when each crew member has an appropriate personal unit (see OSR 5.07).

**3.29.08**

- A GPS.

**3.29.09**

- A Standard-C satellite terminal (GMDSS) shall be permanently installed and permanently powered up for the duration of the race and for which the race committee shall have polling authority.

**3.29.10**

- An MF/HF marine SSB transceiver (GMDSS/DSC) with at least 125 W transmitter power and frequency range from at least 1.6 to 29.9 MHz with permanently installed antenna and earth.

**3.29.11 a)** A pulse (magnetron) unit with not less than 4 kW PEP and an antenna unit with a maximum dimension not less than 533 mm; or

**3.29.11 b)** A frequency modulated continuous wave (FMCW) Broadband Radar™ unit. The radar antenna unit shall remain essentially horizontal when the boat is heeled and at least 7 m (23’) above the water. Installations in place before January 2006 shall comply as closely as possible with OSR 3.29.11 a)

**3.29.12**

- A class A AIS Transponder which either:

**3.29.13 a)** Shares the masthead VHF antenna via a low loss AIS antenna splitter; or
MoMu0,1,2,3 3.29.13 b) has a dedicated AIS antenna not less than 38 cm (15") in length mounted with its base not less than 3 m (10') above the Waterline and co-axial feeder cable with not more than 40% power loss

SECTION 4 - PORTABLE EQUIPMENT

A boat shall have:

4.01 Sail Letters & Numbers

4.01.1 Identification on sails which complies with RRS 77 and RRS Appendix G

MoMu0,1,2,3 4.01.2 RORC Prescription: OSR 4.01.2 is amended to read: After the start when sail numbers are not displayed elsewhere (sails down) they shall be displayed on the port quarter. It is particularly important that all vessels can be easily identified so that they can be excluded from any search and rescue operation.

4.02 Search and Rescue Visibility

Mo0 4.02.1 A 4 m² (43 ft²) area of highly-visible pink, orange or yellow on the coachroof and/or deck

Mo1,Mu1,2 4.02.1 A 1 m² (11 ft²) solid area of highly-visible pink, orange or yellow capable of being displayed on the coachroof and/or deck

Mu0,1,2,3,4 4.02.2 A 1 m² (11 ft²) area of highly-visible pink, orange or yellow showing when the boat is inverted

4.04 Soft Wood Plugs

** 4.03.1 A tapered soft wood plug stowed adjacent to every through-hull opening

4.04 Jackstays and Clipping Points

MoMu0,1,2,3 4.04 Permanently Installed fittings for jackstay ends and clipping points

MoMu0,1,2,3 4.04.1 Jackstays which shall:

MoMu0,1,2,3 4.04.1 a) be independent on each side of the deck

MoMu0,1,2,3 4.04.1 b) enable a crewmember to move readily between the working areas on deck and the cockpit(s) with the minimum of clipping and unclipping operations

MoMu0,1,2,3 4.04.1 c) have a breaking strength of 2040 kg (4500#) and be uncoated and nonsleeved stainless steel 1 x 19 wire of minimum diameter 5 mm (3/16"), webbing or HMPE rope

MoMu0,1,2,3 4.04.2 Clipping points which shall:

MoMu0,1,2,3 4.04.2 a) be adjacent to stations such as the helm, sheet winches and masts, where crewmembers work

MoMu0,1,2,3 4.04.2 b) enable a crewmember to clip on before coming on deck and unclip after going below

MoMu0,1,2,3 4.04.2 c) enable two-thirds of the crew to be simultaneously clipped on without depending on jackstays

Mu0,1,2,3 4.04.2 d) on a trimaran with a rudder on the outrigger, permit a crewmember to repair the steering mechanism whilst attached to a clipping point

4.05 Fire Fighting Equipment

** 4.05.1 A fire blanket adjacent to every cooking device with an open flame

MoMu0 4.05.2 3 fire extinguishers, each with 2 kg of dry powder or equivalent, in different parts of the boat, one system of which is to deal with fire in a machinery space

MoMu1,2,3 4.05.2 2 fire extinguishers, each with 2 kg each of dry powder or equivalent, in different parts of the boat

MoMu4 4.05.2 2 fire extinguishers in different parts of the boat

4.06 Anchors

MoMu0 4.06 Anchors, chain and rope which comply with relevant class rules or the rules of a recognised Classification Society (e.g. Lloyd’s, DNV, etc.)

MoMu1,2,3 4.06 2 unmodified anchors that meet the anchor manufacturer’s recommendation based on the boat’s dimensions with suitable combination of chain and rope, ready for immediate assembly, and ready for deployment within 5 minutes except that for a boat less than 8.5 m (28’) LH there shall be 1 anchor meeting the same criteria

MoMu4 4.06 1 un-modified anchor that meets the anchor manufacturer’s recommendation based on the boat’s dimensions with suitable combination of chain and rope, ready for immediate assembly, and ready for deployment within 5 minutes.
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4.07</strong></td>
<td><strong>Flashlights and Searchlights</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>Watertight lights with spare batteries and bulbs as follows:</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>a) a searchlight, suitable for searching for a person overboard at night and for collision avoidance</td>
</tr>
<tr>
<td>Mu3,4</td>
<td>b) a flashlight in addition to 4.07 a)</td>
</tr>
<tr>
<td>MoMu0</td>
<td>c) the watertight flashlight in OSR 4.07 b) shall be stowed in the grab bag or emergency container</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>d) a high-intensity heavy duty searchlight powered by the boat’s batteries, instantly available for use on deck and in the cockpit</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td>e) RORC Prescription: a floating waterproof torch for use in the event of man overboard at night, which can be thrown into the sea as a marker.</td>
</tr>
<tr>
<td><strong>4.08</strong></td>
<td><strong>First Aid Manual and First Aid Kit</strong></td>
</tr>
<tr>
<td><strong>4.08.1</strong></td>
<td>A First Aid Manual and First Aid Kit. The contents and storage of the First Aid Kit shall reflect the likely conditions and duration of the passage, and the number of crew</td>
</tr>
<tr>
<td><strong>4.09</strong></td>
<td><strong>Foghorn</strong></td>
</tr>
<tr>
<td><strong>4.09.1</strong></td>
<td>A foghorn</td>
</tr>
<tr>
<td><strong>4.10</strong></td>
<td><strong>Radar Reflector</strong></td>
</tr>
<tr>
<td><strong>4.10.1</strong></td>
<td>A passive radar reflector with:</td>
</tr>
<tr>
<td><strong>4.10.1 a)</strong></td>
<td>octahedral circular plates of minimum diameter 30 cm (12”), or</td>
</tr>
<tr>
<td><strong>4.10.1 b)</strong></td>
<td>octahedral rectangular plates of minimum diagonal dimension 40 cm (16”), or</td>
</tr>
<tr>
<td><strong>4.10.1 c)</strong></td>
<td>a non-octahedral reflector with a documented Root Mean Square minimum Radar Cross Section (RCS) area of 2 m² (22 ft²) from 0-360° of azimuth and ±20° of heel</td>
</tr>
<tr>
<td>MoMu0</td>
<td><strong>4.10.2</strong></td>
</tr>
<tr>
<td><strong>4.11</strong></td>
<td><strong>Navigation Equipment</strong></td>
</tr>
<tr>
<td><strong>4.11.1</strong></td>
<td>Nautical charts (not solely electronic), light list and chart plotting equipment</td>
</tr>
<tr>
<td><strong>4.12</strong></td>
<td><strong>Safety Equipment Location Chart</strong></td>
</tr>
<tr>
<td><strong>4.12.1</strong></td>
<td>A safety equipment location diagram in durable waterproof material, clearly displayed in the main accommodation, marked with the location of principal items of safety equipment</td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.13</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.13.1</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.13.2</strong></td>
</tr>
<tr>
<td>MoMu0</td>
<td><strong>4.13.2</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.14</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.15</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.15.1</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.15.1 a)</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.15.1 b)</strong></td>
</tr>
<tr>
<td>MoMu0,1,2,3</td>
<td><strong>4.15.2</strong></td>
</tr>
<tr>
<td><strong>4.16</strong></td>
<td><strong>Tools and Spare Parts</strong></td>
</tr>
<tr>
<td><strong>4.16.1</strong></td>
<td>Tools and spare parts, suitable for the duration and nature of the passage</td>
</tr>
<tr>
<td><strong>4.16.2</strong></td>
<td>An effective means to quickly disconnect or sever the standing rigging from the boat</td>
</tr>
<tr>
<td><strong>4.17</strong></td>
<td><strong>Boat’s name</strong></td>
</tr>
<tr>
<td><strong>4.17.1</strong></td>
<td>The boat’s name on miscellaneous buoyant equipment, such as lifejackets, cushions, lifebuoys, recovery slings, grab bags etc.</td>
</tr>
<tr>
<td><strong>4.18</strong></td>
<td><strong>Retro-reflective material</strong></td>
</tr>
<tr>
<td><strong>4.18</strong></td>
<td>Marine grade retro-reflective material on lifebuoys, recovery slings, liferafts and lifejackets</td>
</tr>
</tbody>
</table>
### 4.19 EPIRBs

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Pack 1 &lt; 24h</th>
<th>Pack 2 &lt; 24h</th>
<th>In liferaft</th>
<th>In liferaft or in grab bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable buoyant baler easily operable by hand</td>
<td>1</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Sponge</td>
<td>2</td>
<td>2</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Pair of buoyant paddles with handles (not mitts) tied into raft adjacent to an entrance</td>
<td>1</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>First-Aid Kit including at least 2 tubes of sunscreen. All dressings must be capable of being effectively used in wet conditions. The first aid kit shall be clearly marked and shall be re-sealable.</td>
<td>1</td>
<td>0</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Whistle</td>
<td>1</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Waterproof torch with 6 h duration and separate battery and bulb or complementary torch</td>
<td>2</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Signalling mirror</td>
<td>1</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Anti-seasickness pills, per person</td>
<td>6</td>
<td>6</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Seasickness bag with simple effective closure system, per person</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red hand flares in accordance with SOLAS LSA Code Chapter III, 3.2</td>
<td>6</td>
<td>3</td>
<td>3 min</td>
<td>X</td>
</tr>
<tr>
<td>Red parachute flares in accordance with SOLAS LSA Code Chapter III, 3.1</td>
<td>2</td>
<td>2</td>
<td>1 min</td>
<td>X</td>
</tr>
<tr>
<td>Thermal protective aids in accordance with SOLAS LSA Code Chapter III, 2.5</td>
<td>2</td>
<td>0</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Repair outfit to enable survivors to repair leaks in any or all of the inflatable compartments. Repair systems must work when wet and be capable of being applied during violent motion.</td>
<td>1</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Air pump or bellows which shall be simple, robust and complete, with all necessary connections (loose parts shall be captive to the main apparatus) ready for instant use to enable air to be pumped into any or all of the inflatable compartments. The air pump or bellows shall be designed and built specifically for easy operation by hand</td>
<td>1</td>
<td>1</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Drinking water per person, in containers of each not more than 500mL</td>
<td>1.5L</td>
<td>0</td>
<td>1.5L</td>
<td>X</td>
</tr>
<tr>
<td>Food per person</td>
<td>10,000 kj</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 4.20 Liferafts

**Liferaft Construction**

- **4.20.1**
  - a) One or more inflatable liferafts with a total capacity to accommodate at least the total number of people on board which complies with:
    - **4.20.1**
      - a) i) SOLAS LSA Code 1997 Chapter IV or later version; or
    - **4.20.1**
      - a) ii) ISO 9650-1:2005, Type 1, Group A - Small Craft - Inflatable; or
    - **4.20.1**
      - a) iii) ISAF liferafts manufactured before 2016 until replacement is due at end of service life; or
    - **4.20.1**
      - a) iv) ORC liferafts manufactured before 2003 until replacement is due at end of service life
MoMu0 4.20.1 b) A sufficient number of liferafts so that in the event of any one liferaft being lost or rendered unserviceable, sufficient aggregate capacity remains for all crewmembers.

MoMu0 4.20.1 c) Liferafts shall comply with SOLAS LSA code 1997 Chapter IV or later version.

MoMu0,1,2 4.20.2 a) A SOLAS liferaft shall contain as a minimum a SOLAS A pack;

MuMo1 4.20.2 b) An ISO 9650 liferaft shall contain as a minimum Pack 1 (greater than 24 hour pack);

MuMo2 4.20.2 c) An ISO 9650 liferaft shall contain as a minimum Pack 2 (less than 24 hour pack);

MoMu1,2 4.20.2 d) The minimum contents of the ISO liferaft equipment packs are listed below. Not all items are necessarily packed within the liferaft. Some items are permitted to be carried within an accompanying waterproof grab bag which shall be in a readily accessible location:

*Drinking water in the grab bag (if any) may be replaced with a desalinator device.

4.20.3 Liferaft Packing and Stowage

MoMu0,1,2 4.20.3 a) Each liferaft shall be packed either in:-

MoMu0,1,2 4.20.3 a) i) a rigid container securely stowed on the working deck, in the cockpit or in an open space; or:-

MoMu0,1,2 4.20.3 a) ii) a rigid container or valise securely stowed in a dedicated weather tight locker containing liferaft and abandon ship equipment only which is readily accessible and opens onto the cockpit or working deck, or transom.

MoMu1,2 4.20.3 b) In a boat with primary launch before June 2001, a liferaft may be packed in a valise not exceeding 40 kg securely stowed below deck adjacent to a companionway.

MoMu0,1,2 4.20.3 c) On a multihull or on a monohull with moveable ballast the liferaft shall be readily deployable whether or not the boat is inverted.

MoMu0,1,2 4.20.3 d) The end of each liferaft painter should be securely fastened to the boat.

MoMu0,1,2 4.20.3 e) Each raft shall be capable of being got to the lifelines or launched within 15 seconds.

4.20.4 Spare Number

MoMu0,1,2 4.20.5 Liferaft Servicing

MoMu0,1,2 4.20.5 a) A liferaft shall be serviced at a manufacturer authorized service station at the following maximum intervals:

MoMu0,1,2 4.20.5 a) i) SOLAS liferafts annually.

MoMu0,1,2 4.20.5 a) ii) ISO 9650 canister packed liferafts every 3 years.

MoMu0,1,2 4.20.5 a) iii) ISO 9650 valise packed liferafts every 3 years except that hired liferafts shall be serviced annually.

MoMu0,1,2 4.20.5 a) iv) ISAF liferafts annually.

MoMu0,1,2 4.20.5 a) v) ORC liferafts annually.

MoMu0,1,2 4.20.5 a) b) Servicing certificates (original or a copy) on board.

4.21 Grab Bags

Mo3Mu3,4 4.21 Either a watertight compartment or a grab bag, readily accessible whether or not the boat is inverted, with the following minimum contents:

Mo3Mu3,4 4.21 a) a watertight hand-held marine VHF transceiver with spare batteries.

Mo3Mu3,4 4.21 b) a watertight flashlight with spare batteries and bulb.

Mo3Mu3,4 4.21 c) 3 red hand flares.

Mo3Mu3,4 4.21 d) a watertight strobe light with spare batteries.

Mo3Mu3,4 4.21 e) a knife.

Mo3Mu3,4 ** 4.21 f) If a grab bag is provided it shall have inherent flotation, at least 0.1 m² (1 ft²) area of fluorescent orange colour on the outside, shall be marked with the name of the boat, and shall have a lanyard and clip.

4.22 Crew Overboard Identification and Recovery

4.22.1 Locator Beacons

MoMu0 4.22.1 a) A PLB (Personal Locator Beacon) equipped with 406Mhz and 121.5Mhz for each crew member.

MoMu0,1,2 4.22.1 b) An AIS personal crew overboard beacon for each crew member.
### Race Category Red Hand Flares LSA III 3.2 | Orange Smoke LSA III 3.3
---|---
MoMu0,1,2,3 | MoMu0
MoMu4 | 2
2

**MoMu0**

**4.22.1 c)** A personal unit in addition to the PLB in OSR 4.22.1 b) if the location device carried by the boat in accordance with OSR 3.29.07 requires it;

**4.22.1 d)** Where possible every PLB shall be registered with the appropriate authority associated with the country code in the hexadecimal identification (15 Hex ID) of the beacon. A beacon can be registered online with the Cospas-Sarsat IBRD if the country does not provide a registration facility and the country has allowed direct registration in the IBRD

#### GPS Crew Overboard Position

<table>
<thead>
<tr>
<th>Race Category</th>
<th>Red Hand Flares LSA III 3.2</th>
<th>Orange Smoke LSA III 3.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MoMu0,1,2,3</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>MoMu4</td>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

**MoMu0**

**4.22.2 a)** A GPS capable of recording a crew overboard position, within 10 seconds, and monitoring that position, and

**4.22.2 b)** connected to an emergency button immediately accessible to a helmsman which will sound an audible alarm in the accommodation and simultaneously send an appropriate signal to the GPS

**MoMu1,2**

**4.22.2 c)** A GPS capable of recording a crew overboard position, within 10 seconds, and monitoring that position

**MoMu3,4**

**4.22.3 a)** a lifebuoy with a self-igniting light, a whistle and a drogue within reach of the helmsman and ready for immediate use

**MoMu0,1,2**

**4.22.3 a)** a lifebuoy with a self-igniting light, a whistle and a drogue

**MoMu0,1,2**

**4.22.4** In addition to 4.22.3 above, within reach of the helmsman and ready for immediate use, a second lifebuoy equipped with:

**MoMu0,1,2**

**4.22.4 a)** a whistle, a drogue, a self-igniting light and

**MoMu0,1,2**

**4.22.4 b)** a pole and flag. The pole shall be either permanently extended or be capable of being fully automatically extended

**MoMu0**

**4.22.4 c)** Each lifebuoy shall be equipped with a sachet of fluorescein dye

**MoMu0,1,2**

**4.22.5** At least one lifebuoy shall depend entirely on permanent buoyancy (e.g. foam)

**4.22.6** Each inflatable lifebuoy and any automatic device shall be tested and serviced at intervals in accordance with its manufacturer’s instructions

**4.22.7** A heaving line, no less than 6 mm (1/4")diameter, 15 - 25 m (50 - 75’) long, readily accessible to cockpit

**MoMu0,1,2,3**

**4.22.8** A recovery sling which includes a:

**MoMu0,1,2,3**

**4.22.8 a)** buoyant line of length no less than the shorter of 4 times LH or 36m (120’)

**MoMu0,1,2,3**

**4.22.8 b)** buoyancy section (horseshoe) with no less than 90 N (20#) buoyancy

**MoMu0,1,2,3**

**4.22.8 c)** minimum strength capable to hoist a crewmember aboard

**4.23** Pyrotechnic and Light Signals

**4.23.1** Pyrotechnic signals shall be provided conforming to SOLAS LSA Code Chapter III Visual Signals and not older than the stamped expiry date (if any) or if no expiry date stamped, not older than 4 years.

**4.24** Spare Number

**4.25** Cockpit Knife

**4.26** Storm & Heavy Weather Sails

**4.26.1** Design

**MoMu1,2**

**4.26.1 a)** The material of the body of a storm sail purchased after 2013 shall have a highly-visible colour (e.g. dayglo pink, orange or yellow)

**4.26.1 b)** Aromatic polyamides, carbon and similar fibres shall not be used in a trysail or storm jib but HMPE and similar materials are permitted
** 4.26.1  c) Sheeting positions on deck for each storm and heavy-weather sail

** 4.26.1  d) Sheeting positions for the trysail independent of the boom

** 4.26.2  a) A heavy-weather jib (or heavy-weather sail in a boat with no forestay) with:

** 4.26.2  b) A storm jib with:

** 4.26.2  c) For sails made after 2011: Storm and heavy weather jib areas calculated as: (0.255 x luff length x (luff perpendicular + 2 x half width))

** 4.26.2  d) A storm trysail with:

** 4.26.2  a) i) area of 13.5% height of the foretriangle (IG) squared

** 4.26.2  b) i) area of 5% height of the foretriangle (IG) squared

** 4.26.2  b) ii) maximum luff length 65% of IG

** 4.26.2  b) iii) permanently attached means, independent of a luff groove, to attach to the stay

** 4.26.2  c) ii) readily available means, independent of a luff groove, to attach to the stay

** 4.26.2  d) i) area of 17.5% mainsail hoist (P) x mainsail foot length (E)

** 4.26.2  d) ii) For sails made after 2011: The storm trysail are calculated as (0.5 x leech length x shortest distance between tack point and leech)

** 4.26.2  d) iii) no headboard

** 4.26.2  d) iv) no battens

** 4.26.2  d) v) sail number and letters on both sides, as large as practicable
vi) in the case of a boat with an in-mast furling mainsail, the storm trysail shall be capable of being set while the mainsail is furled

### Sail Inventory

- **4.26.3**
  - e) i) either a storm trysail as defined in OSR 4.26.2 d), or mainsail reefing to reduce the luff by at least 50% (or rotating wing mast if suitable)
  - e) ii) either a storm trysail as defined in OSR 4.26.2 d), or mainsail reefing to reduce the luff by at least 40% (or rotating wing mast if suitable)
  - e) iii) either mainsail reefing to reduce the luff by 12.5% or a heavy-weather jib as defined in 4.26.2 a) (or heavy-weather sail in a boat with no forestay)

### Drogue, Sea Anchor

- **4.27.1**
  - A drogue for deployment over the stern, or a sea anchor or parachute anchor for deployment at the bow, complete with all necessary gear (see Appendix K)

### Spare Number

### Deck Bags

- **4.29.1**
  - a) so constructed to ensure rapid draining of water
  - b) securely fastened in such a way that the integrity of deck fittings e.g. stanchions and lifelines, is not compromised

### Emergency Pumps

- **4.30.1**
  - a) This pump shall:
  - b) have a minimum rated capacity of 200 l/min
  - c) be operated by battery, main engine powered or a separate engine
  - d) if portable electric-powered, power cables to be terminated with alligator clips
  - e) have sufficient hose to discharge directly overboard or into the cockpit.
  - f) A combination of permanently installed and portable pumps may be combined to meet the above requirement.

#### SECTION 5 - PERSONAL EQUIPMENT

**Each crew member shall have:**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5.01</strong></td>
<td>Lifejacket</td>
</tr>
<tr>
<td><strong>5.01.1</strong></td>
<td>A lifejacket which shall:</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>i) if manufactured before 2012 comply with ISO 12402-3 (Level 150) or equivalent, including EN 396 or UL 1180 and:</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>i) if inflatable have a gas inflation system</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>ii) if manufactured after 2011 comply with ISO 12402-3 (Level 150) and be fitted with a whistle, lifting loop, reflective material automatic/manual gas inflation system</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>ii) crotch/thigh straps (ride up prevention system (RUPS))</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>i) have an integral safety harness in compliance with OSR 5.02</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>ii) have crotch/thigh straps (ride up prevention system (RUPS))</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>i) have an integral safety harness in compliance with OSR 5.02</td>
</tr>
<tr>
<td><strong>5.01.1 a)</strong></td>
<td>ii) an integral safety harness in compliance with OSR 5.02</td>
</tr>
<tr>
<td><strong>5.01.1 b)</strong></td>
<td>have an emergency position indicating light in accordance with either ISO 12402-8 or SOLAS LSA code 2.2.3</td>
</tr>
<tr>
<td><strong>5.01.1 c)</strong></td>
<td>be clearly marked with the boat’s or wearer’s name</td>
</tr>
<tr>
<td><strong>5.01.1 d)</strong></td>
<td>have a sprayhood in accordance with ISO 12402-8</td>
</tr>
<tr>
<td><strong>5.01.1 e)</strong></td>
<td>have a PLB unit (as with other types of EPIRB, should be properly registered with the appropriate authority)</td>
</tr>
</tbody>
</table>
### MoMu0,1,2,3 5.01.2
A boat shall carry at least one gas inflatable lifejacket spare cylinder and, if appropriate, spare activation head for each type of lifejacket on board.

### MoMu0,1,2 5.01.3
A boat shall carry at least one spare lifejacket as required in OSR 5.01.1, except a PLB described in 5.01.1.

** 5.01.4
The person in charge shall personally check each lifejacket at least once annually.

### MoMu0,1,2,3 5.01.5
RORC Prescription: A combined harness and lifejacket shall be worn when on deck:

- **a)** between the hours of sunset and sunrise
- **b)** when alone on deck
- **c)** when reefed
- **d)** when the true wind speed is 25 knots or above
- **e)** when the visibility is less than 1 nautical mile

### 5.02 Safety Harness and Tethers

- 5.02.1 A harness that complies with ISO 12401 or equivalent
- 5.02.2 A tether that shall:
  - **a)** comply with ISO 12401 or equivalent
  - **b)** not exceed 2 m (6'-6") including the length of the hooks
  - **c)** have self-closing hooks
  - **d)** have overload indicator flag embedded in the stitching
  - **e)** be manufactured after 2000

### MoMu0,1,2,3 5.02.3
All of the crew shall have either:

- **a)** a tether not exceeding 1m (3'3") including the length of the hooks, or
- **b)** an intermediate self-closing hook on a 2 m (6'-6") tether

### MoMu0 5.02.3 c)
A boat shall carry spare harnesses and tethers as required in OSR 5.02 above sufficient for at least 10% of the crewmembers (minimum one unit)

### 5.02.4 A tether which has been overloaded shall be replaced

### 5.03 Personal Location Lights
Two packs of miniflares or two personal location lights (either SOLAS or strobe): one to be attached to, or carried on, the person when on deck at night

### MoMu0 5.04 Foul Weather Suits
- **a)** A foul weather suit with hood

### 5.05 Knife
A knife, to be worn on the person at all times

### 5.06 Flashlight
- **a)** A buoyant watertight flashlight
- **b)** RORC Prescription: at night, each crew member shall carry a waterproof torch/light

### 5.07 Survival Equipment
- **a)** an immersion suit (attention is drawn to EN ISO 15027-1 constant wear suits, and EN ISO 15027-2 abandonment suits and the LSA Code Chapter II, 2,3);

### 5.08 Diving Equipment
- **a)** The boat shall have at least two diving suits each to cover the entire body and including gloves, fins and portable air supplies

### SECTION 6 - TRAINING

- **a)** Every member of a crew including the Person in Charge shall have undertaken training within the five years before the start of the race in OSR 6.02 Training Topics
- **b)** At least 30% but not fewer than two members of a crew, including the Person in Charge shall have undertaken training within the five years before the start of the race in OSR 6.02 Training Topics
- **c)** When there are only two crewmembers, at least one shall have undertaken training within the five years before the start of the race in OSR 6.02 Training Topics
Except as otherwise provided in the Notice of Race, an in-date certificate gained at a World Sailing/ISAF Approved Offshore Personal Survival Training course shall be accepted by a race organizing authority as evidence of compliance with Special Regulation 6.01. See Appendix G - Model Training Course, for further details.

6.02 Training Topics

6.02.1 Giving Assistance to Other Craft
6.02.2 Personal Safety Gear, theory and practice
6.02.3 Care and Maintenance of Safety Gear
6.02.4 Fire Precautions and Firefighting, theory and practical
6.02.5 Crew Overboard Identification and Recovery
6.02.6 Hypothermia, Cold Shock and Drowning
6.02.7 Crew Health
6.02.8 Marine Weather
6.02.9 Heavy Weather
6.02.10 Storm Sails
6.02.11 Damage Control
6.02.12 Damage Control
6.02.13 Pyrotechnics and Signalling Gear, theory and practical
6.02.14 Emergency Communications, theory and practical
6.02.15 Liferafts and Abandon Ship, theory and practical

6.03 Spare Number

6.04 Routine Training On-Board

At least annually the crews shall practice the drills for:

6.04.1 Crew-Overboard Recovery
6.04.2 Abandonment of vessel

6.05 Medical Training

At least one crewmember shall have a valid STCW A-VI/4-2 (Proficiency In Medical Care) certificate or equivalent

In addition to 6.05.1 another crewmember shall have a valid first aid certificate completed within the last five years meeting:

At least two crewmembers shall have a valid first aid certificate completed within the last five years meeting:

At least one crewmember shall have a valid first aid certificate completed within the last five years meeting:

A certificate listed on the World Sailing website www.sailing.org/specialregs of MNA recognised courses

STCW First Aid Training complying with A-VI/1-3 - Elementary First Aid or higher STCW level

At least one member of the crew shall be familiar with First Aid procedures, hypothermia, drowning, cardio-pulmonary resuscitation and relevant communications systems

6.06 Diving Training

At least 30% of the crew shall have received appropriate diving training to enable them to carry out basic repairs underwater and to provide assistance if necessary in recovery of a crew overboard.
APPENDICES TO SPECIAL REGULATIONS

Appendix A - Moveable and Variable Ballast
Appendix B - For Inshore Racing
Appendix C - For Inshore Dinghy Racing
Appendix D - A guide to ISO and other Standards
Appendix E - World Sailing Code for the organisation of Oceanic Races
Appendix F - Standard Inspection Card
Appendix G - Model Training Course
Appendix H - Model First Aid Training Course
Appendix J - Hypothermia
Appendix K - Drogues and Sea Anchors
Appendix L - Model Keel and Rudder Inspection Procedure

RORC PRESCRIPTIONS TO THE WORLD SAILING OFFSHORE SPECIAL REGULATIONS

Mu2,3,4 3.07.3 Replace OSR 3.07.3 with:
Multihulls shall have escape hatch(es) as detailed in OSR 3.07.2

** 4.01.2 Amend to read: After the start when sail numbers are not displayed elsewhere (sails down) they shall be displayed on the port quarter. It is particularly important that all vessels can be easily identified so that they can be excluded from any search and rescue operation.

** 4.07 Add to 4.07
4.07 e) a floating waterproof torch for use in the event of man overboard at night, which can be thrown into the sea as a marker.

MoMu0,1,2,3 5.01.5 A combined harness and lifejacket shall be worn when on deck:
MoMu0,1,2,3 5.01.5 a) between the hours of sunset and sunrise
MoMu0,1,2,3 5.01.5 b) when alone on deck
MoMu0,1,2,3 5.01.5 c) when reefed
MoMu0,1,2,3 5.01.5 d) when the true wind speed is 25 knots or above
MoMu0,1,2,3 5.01.5 e) when the visibility is less than 1 nautical mile
MoMu0,1,2,3 5.06.2 at night, each crew member shall carry a waterproof torch/light.
APPENDIX 2 WORLD SAILING INSHORE SPECIAL REGULATIONS

Special Regulations for inshore racing are intended for use in short races, close to shore in relatively warm and protected waters where adequate shelter and/or effective rescue is available all along the course, held in daylight only.

All the items relevant to Special Regulations for inshore racing are included in World Sailing Offshore Special Regulations Appendix B, shown below.

Part A Basic

The following regulations shall be observed:

1.02 Responsibility of Person in Charge

1.02.1 Under RRS 4 the responsibility for a boat’s decision to participate in a race or continue racing is hers alone. The safety of a boat and her crew is the sole and inescapable responsibility of the Person in Charge who shall do his best to ensure that the boat is fully found, thoroughly seaworthy and manned by an experienced and appropriately trained crew who are physically fit to face bad weather. The person in charge shall also assign a person to take over his/her responsibilities in the event of his/her incapacitation.

2.03.1 All equipment required by OSR shall:

a) function properly
b) be regularly checked, cleaned and serviced
c) when not in use be stowed in conditions in which deterioration is minimised
d) be readily accessible
e) be of a type, size and capacity suitable and adequate for the intended use and size of the boat.

3.02 Watertight Integrity of a Boat

A boat shall be essentially watertight and all openings shall be capable of being immediately secured. Centreboard, daggerboard trunks and the like shall not open into the interior of a hull except via a watertight maintenance hatch with the opening entirely above the Waterline.

Part B Portable Equipment

The following shall be provided:

3.23 one strong bucket with a lanyard and of at least 9 litres (2.4 US Gal) capacity
3.24 one compass (a hand-held is acceptable)
4.05 one fire extinguisher required if electrical system, engine or stove on board
4.06 one anchor
4.22 a lifebuoy with a drogue
4.22.5 A heaving line, no less than 6 mm (1/4”) diameter, 15 - 25 m (50 - 75’) long, readily accessible to cockpit
4.25 A strong, sharp knife, sheathed and securely restrained shall be provided readily accessible from the deck or a cockpit.
5.01.1 each crew member shall have:

A personal flotation device which shall:

a) be equipped with a whistle
c) clearly marked with yacht’s or wearer’s name
d) if inflatable, regularly checked for air retention,

Unless otherwise specified by a boat’s applicable class rules or by sailing instructions, personal flotation devices shall have at least 150N buoyancy, arranged to securely suspend an unconscious man face upwards at approximately 45 degrees to the water surface.
IRC RULE 2020

IRC is a World Sailing recognised International Rating System

www ircrating org

IRC Rule 2020

IRC is a World Sailing recognised International Rating System
PREAMBLE

Any changes herein have no authority until 1 January 2020 (1 June 2020 in countries where certificate validity is 1 June to 31 May). IRC is a rating rule providing racing for 2 separate classes of boats. Part C permits advertising in accordance with World Sailing Regulation 20, Advertising Code. Part D does not permit advertising. Organising Authorities should specify in a Notice of Race either Part C or Part D. If neither is specified, then by default Part C shall apply.

TERMINOLOGY

A term used in its defined sense is printed in "bold" type if defined in the ERS, in "italic" type if defined in the RRS and in "underscore" type if defined in IRC Rules. Any abbreviation given in Appendix 1 is used in its defined term unless specified otherwise.

Racing Rules of Sailing (RRS) – www.sailing.org/rrs
Offshore Special Regulations (OSR) – www.sailing.org/specialregs

Or download the free rules app for iOS, Android and Windows by searching for World Sailing.

PART A - RULE POLICY

1 INTRODUCTION

1.1 The Rule is in two parts, Part C, IRC, advertising permitted, and Part D, IRC, advertising not permitted. IRC is a rating rule based upon owner-supplied information and will remain unpublished. The emphasis is on simplicity and concise rules.

2 FUNDAMENTAL POLICY

2.1 IRC is a system of measurement which classifies a broad range of cruising and racing ballasted monohull keel boats for competition by providing ratings comprising single figure allowances based on time. Except for designs first rated before 1st January 2016, boats shall have a minimum hull length of 5.00 m.

2.2 The IRC concept protects the existing IRC fleet.

2.3 IRC encourages design innovation consistent with stability, rounded performance, seaworthiness and safety.

2.4 IRC discourages unnecessary expense at all levels.

2.5 The spirit of IRC requires that owners and designers shall not seek means of artificially reducing the rating of a boat, e.g. increasing performance without a corresponding increase in rating.

2.6 Calculation of IRC ratings is unpublished and based on measurement and data input only.

2.7 IRC ratings may rely on owner submitted data (see Rules 8.5 and 9) but a Rule Authority (as defined in Rule 4.1) may require that boats be weighed and measured by an appointed measurer for certificates issued under their jurisdiction. Some or all of the dimensions of class production boats may be standardised.

2.8 Any exploitation of the inherent simplicity of the IRC rule will be discouraged. The RORC Rating Office and UNCL therefore reserve the right to make adjustments or amendments to any part of IRC at any time in order to prevent undesirable or unforeseen lines of development.

3 IMPORTANT NOTICE

3.1 The safety of a boat rated under IRC and its entire management including insurance shall be the sole responsibility of the owner/competitor who must ensure that the boat is fully found, thoroughly seaworthy, and operated by a crew sufficient in number and experience who are physically fit to face bad weather. The owner/competitor must be satisfied that:

3.1.1 The hull, hull appendages, spars, rigging, sails and all gear are sound.

3.1.2 All safety equipment is properly maintained, stowed and in date.

3.1.3 The crew know where such equipment is kept and how it is to be used. The ultimate decision on whether or not to race remains the sole and inescapable responsibility of the owner or the owner's representative.

3.2 None of the establishment of these Rules, their use by race organisers, the issue of a rating certificate under these Rules, nor any inspection of the boat under these Rules shall constitute any representation or warranty by the Rating Authority as to the seaworthiness of any boat or the safety of any gear and shall not in any way limit the absolute responsibility of the owner/competitor referred to in Rule 3.1. This notice shall be brought to the attention of any person who sails on a boat in respect of which a rating certificate has been issued under these Rules.

3.3 Ratings issued under IRC are calculated in good faith from the data available. Neither the Rating Authority nor any Rule Authority shall have any liability whatsoever for any error in the application of these Rules or the determination of any factor which may affect the rating or the exercise of any judgement in the application of these Rules or the issue of a certificate or for changes in these Rules.

3.4 The establishment of an IRC Crew Number in respect of any boat does not constitute any representation or warranty as to the safety of the boat when sailing with this or any other number of crew (see Rule 3.1). When domestic law invokes any form of crew limitation different from the IRC Crew Number, this limitation shall replace IRC Crew Number.
PART B - GENERAL INFORMATION

4 ADMINISTRATION

4.1 IRC is administered by Seahorse Rating Ltd (referred to in these Rules as the RORC Rating Office) and the UNCL Centre de Calcul (referred to as UNCL) jointly. The expression Rating Authority is defined as the RORC Rating Office and the UNCL Centre de Calcul acting jointly. The expression Rule Authority is defined as any other individual or body authorised by the Rating Authority to act for the Rating Authority on a local basis for the administration of IRC in a defined geographical area.

4.2 In order to ensure the integrity of the unpublished elements of the IRC Rule all details of the IRC Rule are the sole property of the RORC Rating Office and UNCL who shall appoint an IRC Technical Committee comprised solely of those persons who have knowledge of the unpublished elements of the Rule. This committee shall be solely responsible for any changes in the Rule algorithms.

4.3 IRC TCCs are the copyright of RORC Rating Office and UNCL jointly and shall not be modified by any third party. Action may be taken against any third party using IRC-derived handicaps, whether precise or amended for the purpose of race handicapping any boat without a current IRC certificate. Adjustment of elapsed time to effectively amend an IRC TCC is considered to be modification of the IRC TCC by a third party unless:

(a) agreed in writing by the Rating Authority for a specific purpose, or
(b) applied due to an infringement of a rule while racing as defined in the sailing instructions which would otherwise be a matter for a protest committee, or
(c) application of a penalty by a protest committee.

Stability and Safety Screening numerals are RORC Rating Office copyright.

4.4 The IRC Policy Steering Group is responsible for the overall direction of IRC. The IRC Policy Steering Group comprises representatives appointed by RORC and UNCL and a representative appointed by the International IRC Owners Association.

4.5 Additionally there shall exist an International IRC Owners’ Association comprising owners of boats holding current IRC certificates. The International IRC Owners’ Association shall have international representation which reflects the distribution of certificated boats, and shall be a forum for owners to discuss and, if agreed, to make recommendations or suggestions to the IRC Technical Committee and the IRC Policy Steering Group.

5 INTERPRETATIONS

5.1 Requests for interpretation of the IRC Rule shall be made in writing through Rule Authorities to the Rating Authority who will consult and communicate any decision to Rule Authorities.

6 DISPENSATIONS

6.1 The Rating Authority may grant dispensations to the IRC Rule on an individual boat basis at its entire discretion. Any such dispensations shall be noted on a boat’s IRC certificate.

7 LANGUAGE AND RULE DEFINITIONS

7.1 The languages of IRC shall be English and French. In the event of any discrepancy, the English text shall prevail. The meaning of any word shall be by reference to the Oxford English Dictionary in the context in which it appears. The words ‘shall’ and ‘must’ are mandatory, the words ‘may’ and ‘can’ are permissive. The word ‘should’ is advisory.

7.2 Any reference to the Racing Rules of Sailing (RRS) is defined as the current version of the World Sailing Racing Rules of Sailing. Reference to the Equipment Rules of Sailing (ERS) refers to the current version of the World Sailing Equipment Rules of Sailing. Reference to Special Regulations (OSR) is defined as the current version of World Sailing Offshore Special Regulations.

7.3 ERS shall apply except where deleted or amended by IRC Rules or Appendix 1.

7.4 Any dispute arising out of the administration of the IRC Rules by the Rating Authority or a Rule Authority shall be referred to the IRC Policy Steering Group referred to in Rule 4.4 - which shall allow the applicant to be given a fair opportunity to make his case either in writing or in person (as the IRC Policy Steering Group may determine). The decision of the IRC Policy Steering Group shall be final.

8 RATING CERTIFICATES

8.1 All IRC ratings will be calculated by and rating certificates issued by the Rating Authority. Rule Authorities may be authorised to print rating certificates under licence.

8.2 A boat shall hold a current IRC certificate valid in the country in which it is racing. A boat shall not hold more than one valid IRC rating certificate at any time except as permitted by Rules 8.2.1 and 8.2.2.

8.2.1 A boat may additionally hold a separate short-handed certificate. This short-handed certificate shall be valid only for racing in classes, or divisions of classes, for no more than 2 crew, included in a Notice of Race. When specified in a Notice of Race, boats holding short handed certificates, and racing in a short handed class or division, may also be scored in the overall results of the race. The short-handed certificate will be clearly identified and shall only vary from the primary certificate in respect of, mainsail widths, headsail dimensions, single furling headsail allowance, the use of stored power, SPA, STL, spinnaker pole/bowsprit, number of spinnakers, moveable ballast and variable ballast. A boat holding a shorthanded certificate shall use that certificate for races for no more than 2 crew.

8.2.2 Issue of any new rating certificate automatically invalidates the old one except when a new certificate is issued to enable a boat to race in another country with a different certificate year end.

8.2.3 A copy of the current rating certificate(s) shall be kept on board the boat.

8.3 An IRC certificate is valid for racing under Part C, IRC, advertising permitted and Part D, IRC, advertising not permitted.

8.4 Rating certificates will be issued with the heading of the Rule Authority and any sponsorship as appropriate.

8.5 An ENDORSED IRC certificate is one for which the data on the certificate has been audited and if necessary verified by measurement, or other methods in accordance with current published standards. An owner may apply to their Rule Authority to have an IRC rating certificate Endorsed. The Rule Authority will inform the owner of any
measurement, including weighing, or other checks required prior to issue by the Rating Authority of a certificate carrying (irrespective of certificate print language) the notation ENDORSED under the IRC Rating Authority stamp (see also Rule 13).

8.6 On IRC certificates for all boats rated to carry spinnakers (see Rule 21.6), a non spinnaker TCC is also printed. The non spinnaker TCC shall be valid only for races for which the Notice of Race includes a non spinnaker division or class. Owners shall declare their intention to enter such a non spinnaker class using the non spinnaker TCC a minimum of seven days before the race, or first race if a series of races, and shall not then be permitted to race using a spinnaker for the race or races. This Rule may be amended by a Notice of Race.

8.7 The Rating Authority may at its sole discretion re-issue or may refuse to issue or to re-issue an IRC certificate if in its sole opinion Rule 2.5 may be infringed, or for any other reason. No reason need be stated.

8.8 Change of ownership and/or any changes in sail number will automatically invalidate the rating certificate.

8.9 Physical changes which might affect the performance of the boat shall be declared and may invalidate the rating certificate.

8.10 Rated Dimensions

8.10.1 Values stated on certificates for LH, Hull Beam, Bulb Weight, Draft, x, P, E, J, FL, MUW, MTW, MHW, HLU\text{max}, HSA, PY, EY, LLY, LPY, Cutter Rig HLU\text{max}, SPA, STL are maximum values.

8.10.2 Values stated on certificates for Boat Weight, BO, h, SO, y, and Internal Ballast are minimum values.

8.10.3 If during Equipment Inspection by an Equipment Inspector, or during measurement carried out under Rules 10.2 or 13.6, any rated dimension is found to exceed a maximum value or to be less than a minimum value, then the boat is not in compliance with her certificate.

8.10.4 Attention is drawn to Rule 13 and to RRS 78, Compliance with Class Rules; Certificates.

8.11 When the Rating Authority has reasonable evidence that a boat does not conform to its certificate, or that there has been a breach of these Rules, or that there has been an error in the determination of the rating, or that there has been a gross breach of the IRC Rules or of good manners or sportsmanship, the certificate may (at the absolute discretion of the Rating Authority) be withdrawn without compensation and the owner shall be informed in writing.

8.12 Certificates will normally be valid on payment of the appropriate fee for the current calendar year only, but at the discretion of the relevant Rule Authority, and with agreement from the Rating Authority, the year may run from 1 June to 31 May of the following year.

8.13 Irrespective of where a boat is registered, she shall apply for her IRC certificates to the appointed Rule Authority in the country in which she predominantly races. Exceptionally, with the agreement of the Rating Authority, she may apply through another Rule Authority.

8.14 On request and payment of a fee, and in accordance with any administrative rules published by the Rating Authority, the Rating Authority may supply a copy of a boat's valid or immediately expired IRC certificate, including owner name, to any interested party.

9 RATING REVIEW

9.1 Review of a boat's rating may be requested at any time by the owner who should submit a review request through their Rule Authority to the Rating Authority. A fee may apply.

9.2 Anyone who has a valid interest in a boat's certificate may also request a rating review from the Rating Authority, by submitting a review request through their Rule Authority to the Rating Authority. A fee may apply. The owner of the boat subject to review will be requested to file a reply as soon as possible.

9.3 The Rating Authority may also review a rating at any time.

9.4 A review shall be based on all the available evidence. Where necessary, rated data shall be re-measured by an authorised measurer. The decision of the Rating Authority on any review shall be final.

9.5 For series produced boats, the rated data may have been standardised by the Rating Authority. Standard data shall not be subject to third party review or protest. A rating review may be requested by the manufacturer or the class association of a series produced boat. Modifications to standard data shall be declared by the owner.

9.6 Where the TCC is reviewed and found to be not more than 0.005 greater than before, the contested rating shall be valid up to the date that the request for review was lodged with the Rating Authority, or in the case of a protest up to but excluding the race in which the protest was lodged, except that if Rule 8.9 applies then from the date of the change. This Rule may be amended by Notice of Race only to the extent that the 0.005 limit may be reduced.

9.7 Where the TCC is reviewed, either as a result of a rating review or a protest, and found to be more than 0.005 greater than before, the contested certificate is invalid from the date of issue.

9.8 In either case where the TCC is reviewed, the certificate becomes invalid if any re-measurement which increases the boat's rating differs from the measurement shown on the certificate by more than 1% of: LH, LWP, Hull Beam, Draft, P, E, J, FL, STL, HLU\text{max}, MUW, MTW, MHW (see Appendix 1), by more than 2% of SPA or HSA; by more than 5% of y, x or h; or by 5% in respect of weights; or if specific detail is clearly in error.

9.9 Following review and re-measurement, a new certificate may be issued which may be back-dated to the date that any erroneous data was supplied.

9.10 The owner of a boat requesting review of his own boat's rating is liable for all measurement and rating costs. In all other cases, unless as a result of review a boat's certificate is invalidated under Rules 9.7 or 9.8, the person requesting the review shall pay measurement and rating costs unless the Rating Authority orders otherwise.

10 RATING PROTESTS

10.1 As permitted by the RRS, a rating protest may be submitted to a protest committee. A protest committee may refer the matter to the Rating Authority with the appropriate fee.

10.2 In the event of protest, the boat's rated data may be re-
measured by an authorised measurer.

10.3 A boat whose certificate is invalidated as a result of an error or omission by a Rule Authority or by the Rating Authority, of which the boat could not reasonably have been aware, may be penalised at the discretion of the protest committee. Additionally, a protest committee may order that races scored using the invalidated certificate shall be re-scored using the corrected TCC.

10.4 A boat whose certificate is invalidated in accordance with Rule 9.6 may be penalised at the discretion of a protest committee. Additionally, a protest committee may order that races under its jurisdiction scored using the invalidated certificate shall be re-scored using the corrected TCC.

10.5 Subject to the RRS, when a boat is penalised by a protest committee as a result of her certificate being invalidated under Rules 9.7 or 9.8, her owner shall be liable for measurement and rating costs unless the protest committee orders otherwise. In all other cases, the protestor shall be liable for measurement and rating costs.

10.6 When as a result of an action in a race or series, or the withdrawal of a certificate by the Rating Authority, a boat’s rating is reviewed and its TCC changes, the boat’s Member National Authority may be requested by the Rating Authority to investigate the circumstances and report its findings to the Rating Authority.

11 CHANGES TO CLASS RULES

11.1 A Rule Authority Prescription or Notice of Race may vary the requirements of IRC Rules 8.6, 9.6, 14.1, 15.1, 21.1.5 (d) (e) and (f), 21.8.4, and 22.4. Any Rule Authority prescriptions shall have been approved by the national IRC Owners’ Association when such exists. No other IRC Rules may be amended.

11.2 A Rule Authority may prescribe that for races under its jurisdiction requiring compliance with OSR Category 3 or above, Rule 21.6.1 is varied to the extent that a boat may carry one more spinnaker than shown on her current IRC certificate of area not greater than rated SPA without an increase in rating.

11.3 Where a Rule Authority has made a Prescription to a Rule, a Notice of Race shall not vary that Rule or Prescription without the permission of the Rule Authority. Rule Authority Prescriptions shall be referenced in a Notice of Race.

12 UNITS OF MEASUREMENT AND CORRECTED TIMES

12.1 Measurements shall be taken in units of the metric system. Sail measurements shall be taken in metres to two decimal places. All other linear measurements shall be taken in metres to three decimal places and rounded to two decimal places for input. Weight shall be taken to the nearest kilogram except in the case of boat weight which shall be to the nearest 10 kilograms. Normal mathematical conventions shall apply, with 0.5 rounding up. Full calculated values will be carried forward to subsequent calculations. Final ratings shall be rounded to three decimal places.

12.2 The IRC rating is calculated as a Time Corrector (TCC) to three places of decimals. Corrected time for each boat is calculated by multiplying its elapsed time by its TCC. Corrected times shall be rounded to the nearest second with 0.5 seconds rounding up.

13 MEASUREMENT AND COMPLIANCE

13.1 Measurement data shall be obtained by direct measurement or derived from another rating certificate whenever possible. If another rating certificate is being used as the basis for data then any changes since the issue of that certificate shall be notified to the Rating Authority.

13.2 Measurements shall be taken in accordance with ERS Part 3 – Rules Governing Equipment Control and Inspection. ERS H.5.4 is amended by the addition of: The batten specified in ERS H.5.4, shall be a standard 1m World Sailing blue batten. If an alternative length batten is required to achieve a consistent and repeatable measurement, the measurer shall use a batten of consistent bend characteristics and of a length not longer than the greater of 1m or 25% of foot length. If a batten longer than 1m is used, the measurer shall report the batten length and the reason for using the alternative batten to the Rating Authority.

13.3 The accuracy of measurements supplied shall be the owner’s responsibility. An IRC measurement service is available on application to a boat’s Rule Authority.

13.4 It is a breach of the Rules of IRC for any owner or individual to intentionally supply false information. Attention is drawn to Rule 8.7 and to RRS 69, Allegations of Gross Misconduct.

13.5 The Rating Authority will use the data supplied by a Rule Authority as a basis for rating but reserves the right to overrule specific data or to standardise the dimensions of a class of production boats.

13.6 The Rating Authority or a boat’s Rule Authority may require a boat to be submitted for measurement at any time without giving reasons. Measurement will be undertaken by authorised measurers of the Rating Authority. A new certificate will be issued by the Rating Authority based on the new measurement data.

13.7 In the particular case of a boat issued with a one-design certificate, as noted on the certificate, the rating requires compliance with one-design class rules. In the event of conflict, IRC Rules shall take precedence. See also Rule 22.4.1.

14 SAIL NUMBERS

14.1 Each boat shall hold a sail number as prescribed by its Member National Authority. Sail numbers shall be displayed in accordance with RRS 77, Identification on Sails. This Rule may be amended by Notice of Race.

15 MANUAL POWER

15.1 RRS 52, Manual Power, shall not apply. This Rule may be amended by Notice of Race.

(a) The use of stored power for the hoisting of mainsails, or the reefing or furling of sails need not be declared.

(b) Boats using stored power solely for the adjustment or operation of backstays shall declare this to the Rating Authority.

(c) Boats using stored power for the adjustment or operation of running rigging other than as noted in Rules 15.2(a) & (b) shall declare this to the Rating Authority.
PART C - IRC, ADVERTISING PERMITTED

16 ADVERTISING
16.1 Advertising may be displayed in accordance with World Sailing Regulation 20, Advertising Code.

17 BOAT WEIGHT
17.1 **Boat Weight** is measured in accordance with the following Conditions for Weight and Flotation Measurement:

The boat shall:

- be dry.
- be in compliance with the class rules (i.e. IRC Rules)

Unless otherwise specified in the rules, any of the following shall be included:

- rig including spinnaker pole(s), whisker poles and/or jockey pole
- main sheet and mizzen sheet, vang,
- inboard engine or outboard engine in stowed position, fitted berth cushions on board in their normal positions if carried while racing
- all permanent fixtures and fittings and items of accommodation.

Unless otherwise specified in the rules, any of the following shall be excluded:

- sails
  - fuel, water, variable ballast or the content of any other tanks,
  - gas bottles
  - portable safety equipment
  - and all other unfitted or loose equipment.

17.2 Spare.

17.3 When for practical reasons it is not possible to remove all items and equipment (e.g. fuel), it is acceptable to deduct the weight of these from the gross weight. The Rating Authority reserves the right to refuse such data when inadequate detail is supplied.

17.4 The Rating Authority will calculate the boat weight of an un-weighed boat based on information contained on another rating certificate, designer data or from any other source.

17.5 In the absence of other information, boat weight may be calculated by deduction of the items detailed by Rule 17.1 from a boat’s sailing displacement or sailing weight.

18 OVERHANGS AND DRAFT
18.1 Measurements shall be taken with the boat in flotation trim. The measurement points for various configurations of boats are shown on the diagrams for hull shapes and are defined in Appendix 1.

19 HULL APPENDAGES
19.1 Full details of a boat’s hull appendages shall be supplied to the Rating Authority at the time of rating application.

19.2 Any keel fin fairings with a nominal density, including any cavities and/or core material, significantly lower than the main structural elements of the keel fin shall be declared. For the purpose of this rule, a keel fin fairing does not include surface fairing, filling and painting materials up to a total thickness of 10 mm, measured normal to the local surface of the keel fin.

19.3 Drop keels, centreboards, bilgeboards and other moveable hull appendages shall be declared. Unless fixed down while racing, drop keels will be rated as moveable hull appendages.

19.4 In the construction of hull appendages, no material with a specific gravity greater than 11.3 is permitted.

19.5 **Boats** including material in their hull appendages with specific gravity greater than 11.3, and with an age date of 2005 or earlier, and holding a valid IRC certificate on 31st December 2005 are exempt from Rule 19.4. Apart from routine maintenance, any such boat changing the quantity of material of specific gravity greater than 11.3 shall comply with Rule 19.4 and will not subsequently be eligible for exemption from compliance with Rule 19.4.

19.6 Any material in the keel fin of a keel type 10, 11 or 12 with a specific gravity greater than 8.0 (e.g. lead) shall be declared in writing.

20 ENGINE AND PROPELLER
20.1 **Boats** will be rated with either:

20.1.1 No engine.

20.1.2 Outboard engine (i.e. an engine where the propeller may be removed from the water while racing).

20.1.3 Inboard engine, including strut drive and stern-drive configurations. Propeller type shall be declared at the time of rating application.

20.2 Inboard engines shall be capable of producing a minimum speed of 1.8*LWP^0.5 knots. Outboard engines shall be securely fastened in their normal stowage positions for racing.

21 RIG AND SAILS
21.1 General

21.1.1 Single and twin masted rigs only may be rated under IRC.

21.1.2 ‘Cat’ rig is defined as a rig where no sails are set forward of the mast(s) when sailing to windward.

21.1.3 ‘Gaff’ rig includes square, spinnaker and other similar rig configurations.

21.1.4 Mizzen staysails shall be declared.

21.1.5 There is no limitation on the number or type of sails on board while racing under IRC except:

(a) the limitation on spinnaker numbers (see Rule 21.6.1).

(b) the limitation on sails containing exotic materials (see Rule 21.2.2).

(c) the limitation on headsail numbers for boats rated with a single furling headsail. Except in the cases of significant damage or storm and heavy weather sails, boats claiming a rating allowance for using a single roller furling headsail shall use the same headsail for all races in any series of races. (see Rule 21.8.1)

(d) during a regatta run on consecutive days, including any lay days, the sails on board
shall remain the same and be on board for all races. This Rule may be amended by Notice of Race.

e) A spare mainsail may be on board but may not be used as a racing replacement, either during a race or during a regatta run on consecutive days, including any lay days. This Rule may be amended by Notice of Race.

f) exceptionally, in the case of significant damage or loss, sails may be replaced with similar sails. A Notice of Race may require that boats obtain permission from the Race Committee before replacing a sail. This Rule may be amended by Notice of Race.

g) sails shall be set in close proximity to the boat.

h) sails with detachable sections of sail cloth are not permitted.

21.1.6 Adjustment or detachment of forestay and/or shrouds including diagonal and jumper shrouds, or movement of the mast at the foot or the deck while racing is not permitted except:

(i) in the case of a boat without running backstays, checkstays or adjustable backstay when the forestay may be adjusted but not detached.

(ii) in the case of boats with LH less than 10m and without lifelines that are explicitly permitted by their own class rules to move the mast at foot or deck level, or to adjust or detach the forestay and shrouds while racing.

(iii) as permitted by Rule 21.1.6 (b).

(b) A boat fitted with or carrying on board systems to adjust the forestay while racing shall declare this to the Rating Authority. This includes a system with the power system disconnected or removed from the boat. The boat may then adjust the forestay while racing, but shall not detach the forestay. Locked conventional turnbuckles that are not adjusted while racing need not be declared.

A boat fitted with or carrying on board systems, to adjust the mast foot while racing shall declare this to the Rating Authority. Unless the boat declares that such systems will not be used while racing, the boat may then adjust the mast foot vertically and/or longitudinally while racing.

21.2 Rig Factor

21.2.1 Rig factor (RF) is calculated by the Rating Authority to evaluate the rig and sail features of the boat and their character and efficiency when compared to a basic cruising configuration with substantial spars and basic rig controls.

21.2.2 RF may be increased for: fractional, racing and lightweight rigs, high aspect ratio and efficient plan forms, wing and double luff sails, specialised sail stiffening, exotic sailcloth materials, large headboards/cranes, permanently bent or highly controllable spars, hi-tech rigging, exotic rig materials, advanced winch and deck gear arrangements, flush/efficient deck design, and any other feature which increases sailing efficiency that is not already rated through the rated dimensions.

21.2.3 RF may be decreased for less efficient rigs and sail plans, cruising furling sails, motor sailors with large deck houses, cruisers with weight/windage aloft or with basic deck gear only, or any other feature which reduces sailing efficiency that is not already rated through the rated dimensions.

21.2.4 Full rig details shall be supplied at the time of rating application. The Rating Authority reserves the right to apply a high rig factor until full detail is supplied.

21.3 Sheet of Sails, Sail Definitions, Bowsprits and Spinnaker Poles

21.3.1 No headsail or spinnaker may be sheeted from more than one point on the sail.

21.3.2 All sails shall be set and sheeted in accordance with RRS 50, Setting and Sheetign Sails, with the following additions:

21.3.3 RRS 50.3(a) is amended to the extent that a spinnaker or a headsail may be tacked to a bowsprit.

21.3.4 Deleted for 2016

21.3.5 Boats will be rated according to whether they use a spinnaker pole, whisker pole and/or a bowsprit according to the following configurations:

(a) No spinnaker pole (spinnaker tacked on deck) or a centre line bowsprit only.

(b) An articulating bowsprit only.

(c) Spinnaker pole(s) and/or whisker pole(s) either with or without a bowsprit.

21.4 deleted for 2020

21.5 Mainsails

21.5.1 The following shall be declared: MUW, MTW, MHW.

21.5.2 MUW, MTW and MHW will be shown on the boat's certificate as the maximum permitted values.

21.5.3 The highest visible point of a mainsail, mizzen or foremast sail projected at 90° to the mast spar, shall be set below the upper point, or in the absence of an upper limit mark, below the top of highest sheave used for the halyard.

21.5.4 The aftmost visible point of the mainsail, mizzen or foremast sail projected at 90° to the boom spar, shall be set forward of the outer point, or in the absence of a boom outer limit mark the outer measurement point shall be taken as the aft end of the boom.

21.6 Spinnakers

21.6.1 Boats shall not carry on board more than the number of spinnakers on their IRC certificate while racing.
21.8.2 A boat shall be fitted with a complete headsail furling system including at least a drum, furling headfoil, and top swivel.

21.7.1 Headsail area (HSA) shall be calculated from:

\[
HSA = 0.0625 * HLU * (4 * HLP + 6 * HHW + 3 * HTW + 2 * HUW + 0.09)
\]

21.8 Furling Headsails

21.8.1 Boats may apply for a rating credit for using a single roller furling headsail. To be eligible:

(a) A boat shall be fitted with a complete headsail furling system including at least a drum, furling headfoil, and top swivel.

(b) Rated HLP shall be greater than 1.3 J. Exceptionally, this rule shall not apply to boats of LH greater than 30.5 m and with IRC DLR greater than 60.

(c) Only a single headsail shall be used while racing whose HSA shall not be less than 95% of rated HSA except that alternatively a storm jib (see Appendix 1) may be used.

21.8.2 A boat may declare that she may alternatively use a heavy weather jib (see Appendix 1). Provided that she complies with Rule 21.8.1(a) and (b), she will remain eligible for the rating credit but at a reduced rate.

21.8.3 Except in the cases of significant damage or a storm jib or heavy weather jib as appropriate, the same headsail shall be used for all races in any series of races.

21.8.4 Any other headsail may be on board. This Rule may be amended by Notice of Race.

22 EQUIPMENT AND LOADING

22.1 Detachable items

22.1.1 Detachable items (such as but not limited to bunk cushions) permitted by Rule 17 to be aboard for measurement shall be carried in their normal positions while racing. For races requiring compliance with OSR Category 4 or Inshore Racing Category 4 (or local equivalent), a Notice of Race may state that boats rated with bunk cushions on board may remove the bunk cushions. No compensating weight need be carried.

22.2 Hull Factor

22.2.1 Hull factor (HF) is calculated by the Rating Authority and is an evaluation of features of the boat and their character and efficiency.

22.2.2 Stripped out interiors, the use of light and hi-tech structures and/or materials, removal of furniture or other fitted equipment, etc. may lead to the application of a higher than standard hull factor to compensate for potential increase in performance. Such features shall be declared to the Rating Authority.

22.2.3 The rated Hull Factor assumes that the boat is fitted out to the least of the production specification and materials and/or to the condition when last measured/inspected. This does not negate owners’ responsibilities under Rules 8.9, 22.2.2 and RRS 78.1.

22.3 Moveable Ballast and Variable Ballast

22.3.1 A boat may use moveable ballast and/or variable ballast and any such system shall be permanently installed and shall be declared to the Rating Authority. RRS 51, Moving Ballast, and RRS 52, Manual Power, are modified in respect of moveable ballast and/or variable ballast systems to the extent required by this class Rule.

22.3.2 List angle is measured in the boat weight condition (see Rule 17) with any additional variable ballast. There is no limit to the list angle with ballast tanks fully filled on one side of the boat and/or with moveable ballast moved fully to one side.

22.3.3 For boats with variable ballast only, the maximum list angle and the maximum volume of water, including plumbing that can be carried on each side of the boat shall be declared.

22.3.4 For boats with moveable ballast only, the maximum list angle shall be declared.

22.3.5 For boats with variable ballast AND moveable ballast, the maximum volume of water, including plumbing, that the variable ballast may carry on each side of the boat and the maximum list angle specific to the moveable ballast, with empty variable ballast tanks, shall be declared.

22.3.6 A physical, mechanical limit shall be fitted to all moveable ballast system to prevent it being moved further than the position for the declared list angle. Such a system shall not rely on sensors or measurement to prevent the declared list angle being exceeded unintentionally.

22.3.7 For boats with variable ballast systems that are declared as not used, the system shall be disabled.

22.4 Crew Number/Weight

22.4.1 Boats rated as one-designs, as noted on the boat’s certificate, shall conform with their one-design class rules in respect of crew number/weight limitations unless freed from this requirement by notice of race. See also Rule 13.7

22.4.2 The crew weight shall not exceed 85 kg multiplied by the Crew Number printed on the certificate. This Rule does not apply to short-handed certificates issued under rule 8.2.1.
22.4.3 Rule 22.4 may be amended by Notice of Race.

22.5 Crew Classification

22.5.1 There are no rules on the classification of crew within IRC unless stated in a Notice of Race.

22.6 Crew Position

22.6.1 RRS 49.2 is modified by deleting "sitting on the deck" in the second sentence.

23 SEAWORTHINESS AND SAFETY

23.1 The issue of a rating certificate does not imply that a boat is necessarily of satisfactory design, safe or seaworthy, nor that a boat complies with any category of Offshore Special Regulations. See Rule 3.

23.2 Race committees may impose limits for race entry on safety grounds at their discretion. An SSS number, specific to the boat, and when data is available IRC/ISO STIX, AVS and IRC/ISO Design Category will be printed on each boat’s certificate for the guidance of owners and race organisers.

PART D - IRC, ADVERTISING NOT PERMITTED

25 RULES

25.1 With the exception of Rule 16, Advertising, the IRC Rules Part C shall apply.

26 ADVERTISING

26.1 Competitors’ advertising displayed on the boat is not permitted in accordance with World Sailing Regulation 20, Advertising Code.
APPENDIX A - IRC MEASUREMENT DEFINITIONS AND ABBREVIATIONS

Measurement Note: World Sailing Equipment Rules of Sailing (ERS) Part II, Definitions, shall apply to measurement except as stated by IRC Rules or this Appendix. Measurements shall be taken in accordance with ERS Part III, Measurement Rules, Section H.

Terminology: A term used in its defined sense is printed in "bold" type if defined in the ERS. Any abbreviation given below is used in IRC Rules in its defined term unless specified otherwise.

A1 - MISCELLANEOUS

Series date The date on which the first boat of the design or the production series was first launched, whichever is earlier. Series Date does not change if the boat is modified.

Age date The date on which the boat was first launched, or the date on which the boat was re-launched following any hull shell modification, excluding the transom, whichever is the later.

Hull Shell The hull shell excluding all of the following: any transom, the deck, any superstructure, the internal structure including any cockpit, fittings associated with these parts and any corrector weights.

Measurement Condition As defined by Rules 17.1.

Stored Power Power other than power provided by the crew.

Rating Authority As defined in Rule 4.1.

Rule Authority As defined in Rule 4.1.

RORC The Royal Ocean Racing Club

UNCL L’Union National pour la Course au Large.

A2 - HULL & APPENDAGES

LH Hull Length.

B0 The longitudinal distance between the foremost point on the hull and the foremost point of the waterline.

x The horizontal distance between the waterline and the lowest point on the stem at a tangent of 45° to the longitudinal axis.

h The vertical distance between the waterplane and the lowest point on the stem at a tangent of 45° to the longitudinal axis.

SO The longitudinal distance between the aftmost point on the hull and the aftmost point of the waterline.

y The vertical distance between the aftmost point on the hull and the waterplane. In the case of a counter stern, the vertical distance between the aftmost point on the hull below the transom projected to the line of the aftmost point of the hull, and the waterplane.

Wingspan The maximum horizontal width in any transverse section of any wings attached to any hull appendage.

Bulb Weight The weight of the bulb and any part of the keel below the upper surface of the bulb (including connection plates, under-fin spacers and infills).

A3 - LIFTING FOILS:

No. of Foils The maximum number of foils that may be actively in use simultaneously.

With the boat upright in flotation trim, for each foil:

Foil Span The maximum transverse distance outside the hull shell between any two points on the foil in its fully extended position.

Foil Chord The maximum longitudinal distance of the foil.

The IRC Rating Authority reserves the right to require additional detail to be supplied and also to modify the above definitions on a case by case basis in accordance with IRC Rule 2.8.

A4 - RIG

P The distance between the mainsail (in the case of a schooner, the foremast sail) upper point, and the top of the boom when set at right angles to the mast, or the mainsail tack point whichever is lower, on the mainmast (in the case of a schooner, the foremast). The upper limit mark shall be permanently marked by a 25mm band of contrasting colour. If there is no upper limit mark the upper measurement point shall be taken as the top of the highest sheave used for the halyard. In the case of a gaff rig, the upper measurement point is the peak point of the mainsail or the head point of the topsail if on board.

PY The distance between the mizzen (in the case of a schooner, the mainmast sail) upper point, and the top of the boom when set at right angles to the mast, or the mizzen tack point whichever is lower, on the mizzenmast (in the case of a schooner, the mainmast). The upper limit mark shall be permanently marked by a 25mm band of contrasting colour. If there is no upper limit mark the upper measurement point shall be taken as the top of the highest sheave used for the halyard.

The outer point distance of a mainsail (or in the case of a schooner, a foremast sail). The outer limit mark shall be permanently marked by a 25mm band of contrasting colour. If there is no outer limit mark the outer measurement point shall be taken to the aft end of the boom. For the measurement of outer point distance, ERS H.4.2 shall not apply. Fittings, local curvature, local cutaway and any increase in the fore/aft dimension of a sail track and/or sail track support, shall be ignored.

LWP Waterline length. (LH – B0 – SO).
RORC Notice of Race 2020

A5 - SAILS – GENERAL

Spinnaker

RRS 50.4 shall not apply. A spinnaker is defined as a sail set forward of the foremost mast with half width (measured as a spinnaker) equal to or greater than 75% of foot length and without battens. A spinnaker may be set reeved by any means while racing under IRC provided that when measured in any reefed condition it continues to satisfy the IRC definition of a spinnaker.

A6 - SAILS - HEADSAILS

HSA The maximum permitted headsail area.

HLU The luff length of the largest area headsail on board and which may be used while racing.

HLUmax The longest luff length of any headsail on board and which may be used while racing.

LLY The longest luff length of any mizzen staysail.

HLP The luff perpendicular of the largest area headsail on board and which may be used while racing.

LPY The longest luff perpendicular of any mizzen staysail.

HHW The half width of the largest area headsail.

HTW The three-quarter width of the largest area headsail.

HUW The seven-eighths width of the largest area headsail.

Foot Offset The maximum offset between the edge of a headsail foot and a straight line between tack point and clew point.

Cutter Rig

A cutter rigged boat is any boat that sets more than one headsail when on a beat to windward while racing. These values will be used in place of standard headsail dimensions where relevant in IRC Rules for a cutter rigged boat.

Cutter Rig HLU

Headail luff length measured parallel to the forestay as the distance from the lowest tack point to the highest head point of any headsails set simultaneously while racing on a beat to windward.

Cutter Rig HLUmax

As Cutter Rig HLU.

Cutter Rig HLP

The shortest distance from the aftmost clew point of any headsail when set on the centre line of the boat, to the foremost
headsail luff which may be set simultaneously while racing on a beat to windward.

Cutter Rig HHW  The greater of 50% of Cutter Rig HLP or HHW of the largest area headsail.
Cutter Rig HTW  The greater of 25% of Cutter Rig HLP or HTW of the largest area headsail.
Cutter Rig HUW  The greater of 12.5% of Cutter Rig HLP or HUW of the largest area headsail.

A7 - SAILS - MAINSAIL
MHW  The half width of the mainsail.
MTW  The three-quarter width of the mainsail.
MUW  The seven-eighths width of the mainsail.

A8 - SAILS - SPINNAKER
SPA  The maximum permitted spinnaker area.
SLE  The leech length of the largest area spinnaker on board.
SLU  The luff length of the largest area spinnaker on board.
SFL  The foot length of the largest area spinnaker on board.
SHW  The half width of the largest area spinnaker on board.

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**2019 Results**

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  - 2nd IRC Class 3 Overall (74 entries)
- **SORC Solo Round the Isle of Wight**
  - 2nd Overall (22 entries)
- **Spi Ouest France**
  - 2nd IRC Two-Handed (50 entries)
- **GASCOGNE 45/5 (France)**
  - 1st IRC out of the ranking (38 entries)

### Sun Fast 3600
- **RORC Series**
  - 1st & 2nd Overall Main Series (457 entries)
  - 1st & 2nd Two-Handed Class (99 entries), 5 Sun Fasts in the Top 10
  - 1st & 2nd & 4th IRC Class 3 Overall
  - 1st, 4th, 5th – RORC Double Handed Series
  - 1st, 2nd, 4th – RORC Series Class 3
  - 1st, 2nd – RORC Overall Series
  - 2nd, 4th – IRC Double Handed National Championships
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